

19981209.qrp v01_n300.qrs.981209

Date: Wed, 9 Dec 1998 19:03:53 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1300

QRP-L Digest 1300

Topics covered in this issue include:

- 1) [26840] ten tec 2meter txcvr kit
by bob evinger <revinger@marshallonline.com>
- 2) [26841] NC-20 Tuning Pot
by K2UD@aol.com
- 3) [26842] Re: (Ten Tec) Ten Tec happy versus unhappy custom...
by "david r" <elbc@pivot.net>
- 4) [26843] MCB-30
by Duane Alles <ad6he@yahoo.com>
- 5) [26844] HW-9 Problem - Help needed
by DLShips@aol.com
- 6) [26845] SG-2020 for sale
by George Zafiropoulos <georgez@quickturn.com>
- 7) [26846] Both NT+ FOXes BANGING into ND!
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 8) [26847] Help Identifying RF Transistor
by "Gene Hall" <evhall@ix.netcom.com>
- 9) [26848] Re: Announcing the MINI-L (part 1)
by Jim Lyons <jlyons@CAM.ORG>
- 10) [26849] IWTN/TFOX: TU WN6HYX
by JFD / WA8GHZ /5 <jdougher@wt.net>
- 11) [26850] FOX - At long last
by "John J. McDonough" <jjmcd@tm.net>
- 12) [26851] Re: [ten tec 2meter txcvr kit]
by Roy Lincoln <wa4dou@usa.net>
- 13) [26852] IWBf: Stereo Foxii tonight.
by JFD / WA8GHZ /5 <jdougher@wt.net>
- 14) [26853] N/T+ Fox
by Rick Sealey <rsealey@InfoAve.Net>
- 15) [26854] Fox Hunt
by w2xn@juno.com (Fred J Kalt)
- 16) [26855] Re: BayGen on ABC
by "Todd" <kb4dpf@visi.net>
- 17) [26856] "Why QRP?" color slides available
by "George Heron" <gheron@idt.net>
- 18) [26857] FOX: Strong as all !@#\$\$
by Shephed@aol.com
- 19) [26858] Re: [Submarines - not QRP]

by Roy Lincoln <wa4dou@usa.net>
20) [26859] Re: [Submarines - not QRP]
by "Ron Smith" <resmith666@uswest.net>
21) [26860] Fox Hunt
by w2xn@juno.com (Fred J Kalt)
22) [26861] Ten Tec gear
by "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
23) [26862] FS MFJ 9040
by bens@valint.net
24) [26863] Switching PS Summary....
by "Radman" <radman@best.com>
25) [26864] numb in california
by wn6hyx@qsl.net ()
26) [26865] log correction
by wn6hyx@qsl.net ()
27) [26866] Re: numb in california
by Tom Palmer <n1tp@worldnet.att.net>
28) [26867] Re: numb in california
by Tom Palmer <n1tp@worldnet.att.net>
29) [26868] Re: numb in california
by Tom Palmer <n1tp@worldnet.att.net>
30) [26869] Re: numb in california
by Tom Palmer <n1tp@worldnet.att.net>
31) [26870] Mini-L
by w0yse@juno.com (Neil Klagge)
32) [26871] Info wanted about transvertors.
by "Eim Mulder" <mulder@server4.nfra.nl>
33) [26872] Trade
by "Francis Callahan" <colcal@srv.net>
34) [26873] Re: Three-FOX Night :-)
by DNT1@daimlerchrysler.com
35) [26874] Re: [Submarines - not QRP]
by Michael Neverdosky <MichaelN@cycat.com>
36) [26875] Re: IWBf: Stereo Foxii tonight.
by Scott Howell <showell@hq.nasa.gov>
37) [26876] Need Antenna Advice
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
38) [26877] Re: Three-FOX Night :-)
by "Edward A Kwik jr" <eakwikjr@hti.com>
39) [26878] Baygen
by "Bryan Turner" <turnerw@email.uah.edu>
40) [26879] FS: QRP-Rigs etc.
by Hajo Dezelski <hjd@abt2-a.d6.verwaltung.uni-tuebingen.de>
41) [26880] RE: Need Antenna Advice
by "Ed Tanton" <n4xy@mindspring.com>
42) [26881] no fox
by ac5ez@webtv.net (Larry B)
43) [26882] 11-2-10 problems -- SOLVED!!

- by "Brockwell, Stephen E." <brockwse@fssec.army.mil>
- 44) [26883] Re: BayGen on ABC
by Bruce Muscolino <w6toy@erols.com>
- 45) [26884] Spectrum Analysis With Sound Card
by d.nordquest@juno.com (David A Nordquest)
- 46) [26885] Cold solder joints, was 11-2-10 problems -- SOLVED!!
by Michael Neverdosky <MichaelN@cycat.com>
- 47) [26886] Re: Baygen
by Lee Bahr <bahr521@earthlink.net>
- 48) [26887] Re: Baygen
by "Bryan Turner" <turnerw@email.uah.edu>
- 49) [26888] Re: BayGen on ABC
by "DJ Rock" <b2bn@hotmail.com>
- 50) [26889] Re: EPROM Erasing
by Andy Fox <foxes@theriver.com>
- 51) [26890] Re: Baygen
by Lee Bahr <bahr521@earthlink.net>
- 52) [26891] Re: Baygen
by "Bryan Turner" <turnerw@email.uah.edu>
- 53) [26892] Re: [Submarines - not QRP]
by "Ron Smith" <resmith666@uswest.net>
- 54) [26893] OHR500 into Belgium at 3watts
by olyellr@iglou.com
- 55) [26894] Re: [Submarines - not QRP]
by "Brian.Buydens@usask.ca" <buydens@duke.usask.ca>
- 56) [26895] FOX: Re: Both NT+ FOXes BANGING into ND!
by "Kevin F. Glynn" <kfglynn@prodigy.net>
- 57) [26896] 'Tis was 15 nights before the Night before Christmas
by jaywa5whn@juno.com
- 58) [26897] FOX: IWTF: Antenna Stuff
by "Franco, Nicholas J" <franco@bnl.gov>
- 59) [26898] Where are the charts?
by vlantz@juno.com (Vann G Lantz)
- 60) [26899] Noisy Switching Supplies
by Jim Glover <psykey@okcforum.org>
- 61) [26900] Re: Qrp Log
by Richard Arland <k7sz@epix.net>
- 62) [26901] SW+ Availability
by Bensondj@aol.com
- 63) [26902] Re: "Better" Receiver?
by Laura Denise Halliday <lha@sdr.utias.utoronto.ca>
- 64) [26903] DL-QRP-AG homepage correction
by Peter Zenker <Peter_DL2FI@csi.com>
- 65) [26904] Re: Cold solder joints, was 11-2-10 problems -- SOLVED!!
by "Robert P. Okas" <vintage@best.com>
- 66) [26905] Son of Fireball: info and bibliography
by William-McShan@ouhsc.edu (Mike McShan)
- 67) [26906] Help! Trouble Soldering DIN Connectors

- by Andy Fox <foxes@theriver.com>
- 68) [26907] Re: Mini-L: RS Lookout!
by Donald Lefrancois <wb1cdh@mci2000.com>
- 69) [26908] Pixie2 for a week. OHR-100 Drift, Res. Spkr, N/T+ Fox.
by Ed Loranger <we6w@qsl.net>
- 70) [26909] SOLAR WIND SQUEEZES SOME OF EARTH'S ATMOSPHERE INTO SPACE
by Scott Howell <whowell@hq.nasa.gov>
- 71) [26910] Navy QRP?
by dave_epps@juno.com
- 72) [26911] Finding DX prefixes
by Grant Taylor <k7gt@qsl.net>
- 73) [26912] AL7FS ride to Oakland Airport.
by Ed Loranger <we6w@qsl.net>
- 74) [26913] RE: Help! Trouble Soldering DIN Connectors
by "Ed Tanton" <n4xy@mindspring.com>
- 75) [26914] Re: Help! Trouble Soldering DIN Connectors
by "Eugene Hall" <evhall@ix.netcom.com>
- 76) [26915] Re: Finding DX prefixes
by Tom Palmer <n1tp@worldnet.att.net>
- 77) [26916] Re: Mini-L: RS Lookout!
by Jim Lyons <jlyons@CAM.ORG>
- 78) [26917] Re: Submarines - not QRP
by Brad Bradfield <b_bradfield@yahoo.com>
- 79) [26918] Fireball ordered
by tom whalen <whalen@swcp.com>
- 80) [26919] Samlex Switching PS...
by "Radman" <radman@best.com>
- 81) [26920] Equivalent for 3N200 ??
by James P Rybak <jrybak@mesa7.mesa.colorado.edu>
- 82) [26921] RE; Need Antenna Advice
by "Ken & Linda Burrough" <ne0c@1st.net>
- 83) [26922] Re: Autumn QRPp is fabulous!
by DNT1@daimlerchrysler.com
- 84) [26923] 1" speakers
by Rick Weber <weber@accenttech.com>
- 85) [26924] Re: Help! Trouble Soldering DIN Connectors
by "Brad Hernlem" <alihernlem@hotmail.com>
- 86) [26925] N/T+ log from KF4JSV for 12/8 (12/9 UTC)
by "JEFFREY MICHAEL POULIN" <jpoulin@erols.com>
- 87) [26926] Jersey Fireball 40 news
by "George Heron" <gheron@idt.net>
- 88) [26927] OHR400 Sold
by "W. D. (Doc) Lindsey" <70511.3041@compuserve.com>
- 89) [26928] Re: Submarines - not QRP
by "Ron Smith" <resmith666@uswest.net>
- 90) [26929] Re: Mini-L: RS Lookout!
by Bill Jones <kd7s@psnw.com>
- 91) [26930] ScQRPions QRP to field?

by Jeff <fantbb@yahoo.com>
92) [26931] AR-QRP Net Schedule
by Robspark@aol.com
93) [26932] FYBO '99
by Bob Hightower <ki7mn@extremezone.com>
94) [26933] Re: Help! Trouble Soldering DIN Connectors - Thanks!
by Andy Fox <foxes@theriver.com>
95) [26934] RE: Equivalent for 3N200 ??
by "Ed Tanton" <n4xy@mindspring.com>
96) [26935] Re: Help! Trouble Soldering DIN Connectors
by Monte Stark <ku7y@dri.edu>
97) [26936] transistor numbering
by James Skalski <jskalski@buffnet.net>
98) [26937] Re: DX Prefixes
by w4pjj@w4bkk.ampr.org
99) [26938] RE: japanese transistors?
by "Toru Kato JG1RVN" <jg1rvn@inv.co.jp>
100) [26939] Re: Norcal Meeting Report:Res. Spkr. Demo!
by "Michael A. Gipe" <mgipe@reliablemeters.com>
101) [26940] MGF1200 GasFET
by Jerry Haigwood <w5jh@swlink.net>
102) [26941] Keys & stuff . . . while Ornette plays
by nilsbull@juno.com (Nils R Young)
103) [26942] test disregard
by "Larry H. Lyda" <wa4pjj@volstate.net>
104) [26943] Removing sticky stuff
by Kory Hamzeh <kory@avatar.com>
105) [26944] Re: MGF1200 GasFET
by James Skalski <jskalski@buffnet.net>
106) [26945] test 2--DISREGARD
by "Larry H. Lyda" <wa4pjj@volstate.net>
107) [26946] Re: Removing sticky stuff
by Andy Fox <foxes@theriver.com>
108) [26947] Navaho conversion
by PGHDT@aol.com
109) [26948] Re: MGF1200 GasFET
by James Skalski <jskalski@buffnet.net>
110) [26949] RE: Removing sticky stuff
by mikerice@abtcop.com (Mike Rice)
111) [26950] Re: Removing sticky stuff
by "Todd Foster, KD5FUF" <tef96a@timon.acu.edu>

Date: Wed, 09 Dec 1998 00:09:02 +0000
From: bob evinger <revinger@marshallonline.com>
To: wvara <wvara@qrp.com>, qrp-l <qrp-l@Lehigh.edu>
Subject: [26840] ten tec 2meter txcvr kit

Message-ID: <366DBF9E.DCA221B9@marshallonline.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Anybody, built/used the tentec 2 meter transceiver kit and have an opinion pro or con on it. My car and my wifes both have kenwood tm241a's and both are suffering from the same malady, a failed or failing display. My vehicles display is completely non-functional and I am getting tired of having to count clicks to figure out where I am.

Nothing commercially built really grabs my attention and after this experience I dont know that I would get another kenwood mobile. I like building so was considering the TenTec.

Comments appreciated.

bob

--

Bob Evinger		19250 N. Livingston Road		revinger@marshallonline.com
WD9EKA		Marshall, IL 62441		

Date: Tue, 8 Dec 1998 19:37:32 EST
From: K2UD@aol.com
To: qrp-1@Lehigh.EDU
Subject: [26841] NC-20 Tuning Pot
Message-ID: <da4273e3.366dc64c@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Yeah, I missed the opportunity to take part in the group buy of 10 turn pots for the NC-20. Who can tell me what part is spec'ed for this kit, and what the part number might be say, for my favorite parts emporium Mouser? I need to beef up my minimum for my next parts order there.

TNX for any help on this es 72.

Howard Kraus, K2UD

Date: Tue, 8 Dec 1998 19:40:45 -0500
From: "david r" <elbc@pivot.net>
To: <rerobins@email.uncc.edu>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [26842] Re: (Ten Tec) Ten Tec happy versus unhappy custom...
Message-ID: <003f01be230c\$90888b80\$993d62ce@elbc>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

HI GANG,

Like other I didn't see the beginning of this thread either.
I've , owened my TEN TEC Scout for 4 years now and love it..
I've modified mine slightly to allow easier setting of the power output..
and mine now will go down to 2.5 watts out and 50 watts on high..

I've used this rig as my primary qrp rig for the four years.. and it has
performed very well
had a bad band module and ten tec replaced it pronto.. no questions asked.

Great rigs, great service.. love my ten tec rigs.. owned the argo 509 for
over ten years.
wish now i had not sold it..
73 to all
DAVE KC1DI

Date: Tue, 8 Dec 1998 16:07:27 -0800 (PST)
From: Duane Alles <ad6he@yahoo.com>
To: qrp-1@Lehigh.EDU
Subject: [26843] MCB-30
Message-ID: <19981209000727.6496.rocketmail@send202.yahoomail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hello All,

I missed some of the info on the MCB-30 conversion. Can anyone send me the info regarding where I can get the conversion kit.

73/72,
Duane, AD6HE

DO YOU YAHOO!?
Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Tue, 8 Dec 1998 19:55:04 EST
From: DLShips@aol.com
To: qrp-1@lehigh.EDU, klqrp@waterw.com
Subject: [26844] HW-9 Problem - Help needed
Message-ID: <ee3c058c.366dca68@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Gentlemen,

I'm stumped and looking for someone to shed some light on my problem.

I help a number of local hams keep their gear in operation. I'm currently attempting to fix an HW-9 for KF4HAW and have succeeded in getting it to work on all bands except 40. It will neither transmit nor receive on 40 meters.

The manual, pointed me to the oscillator board and to the HFO associated with the 40 meter band. No signal comes from the HFO when the band switch is on 40 but a signal is present on each of the other band. All the diodes, caps resistors and coils associated with the 40 meter band check out. The voltages are in range when compared to the other bands. The 40 meter HFO uses a 21830 Khz crystal to produce a signal for mixing with the local oscillator. I removed the crystal, suspecting it was bad, and checked it with a test oscillator and it did indeed oscillate at a frequency close to 21830 (21844).

As strange as this may seem, I have two HW-9s of my own and one of them recently stopped working on 40 meters. Basically the same problem. The crystal in my HW-9 oscillates when on a test oscillator but not when on the board. I've placed various trimmers (10, 20 40 pF) in parallel with the other caps in the tuned circuits but that didn't do anything.

I hope someone has solved a similar problem and can give me some suggestions.

Thanks, and happy holidays to you all.

Don, W3RDF/qrp

Date: Tue, 08 Dec 1998 17:13:50 -0800
From: George Zafiropoulos <georgez@quickturn.com>
To: qrp-l@lehigh.edu
Subject: [26845] SG-2020 for sale
Message-ID: <366DCECE.8C77CC91@quickturn.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I have a very nice * Mint * SG-2020 for sale. I returned it to the factory for the latest updates and it works just fine. I know there have been lots of comments about the SG-2020 so I won't editorialize here but if the 2020 fits the bill for you, then this is a very nice unit. The radio sells new for \$675, I will sell this one for \$575 with microphone.

Send me email if you are interested.

'72 de George KJ6VU
georgez@quickturn.com

Date: Tue, 8 Dec 1998 20:43:36 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: //QRP-L Discussion Group <QRP-L@Lehigh.edu>, "+Doc W.D. Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [26846] Both NT+ FOXes BANGING into ND!
Message-ID: <199812082046_MC2-62DC-AFDB@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline
Content-Transfer-Encoding: 7bit

Gang:

Please forgive this post. I know it is not timely for many and for those

getting the digest. But just want to report that both out N/T+ FOXes are doing a great job and have terrific 579 or so signals here tonight.

Thanks one and all for giving them both pileups :-).

72/73,

--Doc Lindsey/K0EVZ

DSBF

P.O. Box 7187

Bismarck, ND 58507

E-Mail 70511.3041@compuserve.com

Date: Tue, 8 Dec 1998 20:51:44 -0500
From: "Gene Hall" <evhall@ix.netcom.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [26847] Help Identifying RF Transistor
Message-ID: <010a01be2316\$7b2f4260\$56abbacd@#evhall>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

During the process of cleaning out some of my boxes of parts collected in a prior Ham-life I came across an RF power transistor that I've been unable to identify and I'd appreciate some help.

It is a TRW device in a flange mount package for attachment to the heatsink through a hole in the PC board.

It has house markings that I suspect are either Motorola or GE and is marked:

4242P1
A3604 (Probably a date code)

If anyone has any info on this device I'd appreciate a note.

TNX es 73,

Gene wa4hhp@amsat.org

Date: Tue, 08 Dec 1998 20:17:07 -0500
From: Jim Lyons <jlyons@CAM.ORG>
To: kd7s@psnw.com, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [26848] Re: Announcing the MINI-L (part 1)
Message-ID: <3.0.5.32.19981208201707.007dd570@pop.hip.cam.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 12:42 PM 08/12/98 -0800, Bill Jones wrote:

>
>
>CONSTRUCTION
>
>The individual modules are targeted to fit on Radio Shack perfboards
>(Cat. No. 276-149A). These boards measure 2 7/8" by 2 13/16" and are
>indexed by columns and rows. The modules may be mounted on a
>"motherboard" made from another Radio Shack perfboard (Cat. No.
>276-158B). The motherboard measures 3 11/16" by 2 13/16" and will be
>wired as a "universal bus". That is, power and ground leads will run
>the length of the board. If feasible, signal, I/O and control lines
>will also be on the motherboard.

Bill,

Great idea, I'm very excited! At my age that's dangerous :-)

The only similar boards in my Canadian catalog are "276-149 356 holes 1
27/32 x 2 27/32" and "276-158 750 holes 2 1/4 x 3 1/4". How do the
number of holes compare with yours?

Jim, VE2KN

Date: Tue, 08 Dec 1998 20:31:07 -0800
From: JFD / WA8GHZ /5 <jdougher@wt.net>
To: ham_QRP-1 <qrp-1@lehigh.edu>
Subject: [26849] IWTN/TFOX: TU WN6HYX
Message-ID: <366DFD0B.1559@wt.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Wow! Finally found tonight's Ms. Fox, Mary, in the middle of all the
broadcast noise. I had overlooked her sig on first two search passes

because I didn't think she'd be that strong. I usually don't hear Calif.
that strong this early in the evening, but....

Very nice 579 sig here, Mary, and congrats on getting the exchange on
first try, not an easy thing to do. Thanks for the call.

72,

WA8GHZ Jack TX 619

Date: Tue, 8 Dec 1998 21:42:24 -0500
From: "John J. McDonough" <jjmcd@tm.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [26850] FOX - At long last
Message-ID: <199812090246.7056900@is1.tm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

After a looooong dry spell, finally another pelt at WB8RCR. Bill is doing a
fine job tonite - I don't know how he ever picked me out of that. Band is
very noisy here, and he was up and down a lot. In fact, I think he may
have called me once or twice earlier, but he faded into the murk. Good
job, Bill!

Now why can't I ever seem to get the N/T+ Fox? Tonite I had 2 chances and
not a peep.

72/73 de WB8RCR <http://users.tm.net/jjmcd/>
didileydadidah QRP-L #1446 Code Warriors #35

Date: 8 Dec 98 21:53:59 EST
From: Roy Lincoln <wa4dou@usa.net>
To: owner-qrp-1@Lehigh.EDU, "Low Power Amateur Radio Discussion" <qrp-
1@Lehigh.EDU>
Subject: [26851] Re: [ten tec 2meter txcvr kit]
Message-ID: <19981209025359.14040.qmail@www0x.netaddress.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Bob,

Theres nothing wrong with Kenwood products, why not fix the displays or have

them fixed? 73 Roy WA4DOU

Anybody, built/used the tentec 2 meter transceiver kit and have an opinion

pro or con on it. My car and my wives both

Get free e-mail and a permanent address at <http://www.netaddress.com/?N=1>

Date: Tue, 08 Dec 1998 20:56:43 -0800
From: JFD / WA8GHZ /5 <jdougher@wt.net>
To: ham_QRP-1 <qrp-1@lehigh.edu>
Subject: [26852] IWBF: Stereo Foxii tonight.
Message-ID: <366E030B.2241@wt.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

JOY! Worked BOTH Mary at 7.109 and Bill at 7.041 this evening and my fox pelt carrying case is full to the brim. Thanks to both for a fun evening.

Now back to learning about soldering this SuMo stuff to get the SMITE up on the air...

72,

WA8GHZ

Jack

YET ANOTHER TX STATION

619

Houston

Date: Tue, 08 Dec 1998 21:57:00 -0500
From: Rick Sealey <rsealey@InfoAve.Net>
To: wn6hyx@qsl.net
Cc: qrp-1@lehigh.edu
Subject: [26853] N/T+ Fox
Message-ID: <1.5.4.32.19981209025700.00ee24dc@mail.infoave.net>
MIME-version: 1.0
Content-type: text/plain; charset="us-ascii"

Way to go, Mary! Big ol' signal into NC tonite (579). Great job working the hounds!

72,
Rick - W4SEA

Date: Tue, 8 Dec 1998 22:02:14 -0500
From: w2xn@juno.com (Fred J Kalt)
To: qrp-1@lehigh.edu
Subject: [26854] Fox Hunt
Message-ID: <19981208.220332.-797441.6.w2xn@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Whoa is me ! Just as I got the fox, ole man QSB came around and he got all but my name. Guess it doesn't count. Gotta keep tryin'. Back to 40 meters for the fox.

w2xn fred, Lakeland, FL

Date: Tue, 8 Dec 1998 22:08:15 -0000
From: "Todd" <kb4dpf@visi.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [26855] Re: BayGen on ABC
Message-ID: <003c01be22f7\$5d7a1160\$17c708d1@amy>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I saw the piece, and if I remember correctly, the plan is to market a wind-up flashlight which has a power take-off. That was what they had the laptop hooked up to. I suspect it would make an excellent power source for a QRP setup.

The light/generator looked a little bulky, but maybe the next generation will be even smaller.
Exciting things on the horizon!

I am not new to QRP, been using 2-3w from my TS-440s often and with pretty good results. My wife is a new ham, and we are going to attempt to build a radio together. The project outlined earlier sounds like just the thing. I have been looking at kits, but would rather build from scratch if I can.

I just subscribed to this list, so if my post is in bad form I apologize :)

Todd
KB4DPF

-----Original Message-----

From: Richard E. Robinson <rerobins@email.uncc.edu>

>Did anyone else see Peter Jennings and the ABC news report Friday night on
>the BayGen generators?
>Evidently BayGen will be marketing the generator itself, without the radio,
>in the near future.
>
>Rick kf4ar
>
>

Date: Tue, 8 Dec 1998 22:26:28 -0500
From: "George Heron" <gheron@idt.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [26856] "Why QRP?" color slides available
Message-ID: <007c01be2323\$fc8ab990\$ae3984a9@herong.dialogic.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

You might recall my mentioning a while back that we have a nice overhead slide presentation called "Why QRP?" available on our Jersey QRP website ... <http://www.njqrp.org/whyqrp/whyqrp.htm> . It's ideal for downloading and/or printing out for use as overhead slides at club gatherings, scout intro's to ham radio, or just plain reading enjoyment (lots of pics of rigs and some nice reference sheets for clubs and literature).

Well, what I haven't mentioned thus far is that in addition to making actual hard copy B&W paper prints of the slides available for those wanting their own, we also have a set of color transparency slides made directly from the printer. We're not sending these out for keeps like we do with the B&W paper versions ... BUT we *have* been making them available to guys to use at meetings 'n such if they promise to return them. Makes a real nice

addition to any QRP talks you might be doing for you clubs. So far, the color slides have made it to 7 locations around the states and back safely into my hands each time. (In addition to about 20 of you guys requesting just the paper printed versions.)

So take a peek at the slide show on our website, and if you'd like to use the color slides to augment your own presentation of this great hobby and pasttime of ours, let us know and we can arrange the use of them.

Of course, you can still get a copy of the slides for the cost of repro and mailing (\$5) from the Jersey gang too ... just let use know!

73 all,

--George Heron, N2APB
n2apb@amsat.org in Sparta, NJ
for the NJ-QRP Club <http://www.njqrp.org>

Date: Tue, 8 Dec 1998 22:20:31 EST
From: Shephed@aol.com
To: qrp-l@lehigh.edu
Subject: [26857] FOX: Strong as all !@#
Message-ID: <35db7451.366dec7f@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Man!

Bill is booming into Ohio tonight. He was a very loud 599.

And so is all the hunters in the West, a lot of 559 to 599 sigs from the hounds.

Man what a strange night for 40 meters.

On the down side, the BC-QRM was so bad that I could not pull out any of the N/T+ Foxii.

I'm 0/0 so far this season. Just to think last year I was a N/T+ Fox. How did you guys ever pull me out? :-)

Dan, N8IE
QRP-l #1404
FISTS #4985

Date: 8 Dec 98 22:38:59 EST
From: Roy Lincoln <wa4dou@usa.net>
To: owner-qrp-1@Lehigh.EDU, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [26858] Re: [Submarines - not QRP]
Message-ID: <19981209033859.28795.qmail@www0r.netaddress.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi John,

Theres "tin can" sailors here too! :o) 73 Roy

WA4DOU-----

About 6 months ago in a thread regarding VLF communications it came to light that several of us (20+) on this list are/were submainers, so I wanted to pass along a book recommendation. "Blind Man's Bluff" was recently published and is a good read about submarine ops during the Cold War. A chapter is devoted to the USS Scorpion with information released as late as 1993 supporting the theory of why it sank. Other chapters deal with various boats and "spec-ops".

Incidently, I seem to remember someone volunteering to collect info on those of us on this list who were Bubbleheads, along with the dates and names of the boats served on, but I don't think the info ever got passed along.

Get free e-mail and a permanent address at <http://www.netaddress.com/?N=1>

Date: Tue, 8 Dec 1998 20:50:30 -0700
From: "Ron Smith" <resmith666@uswest.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [26859] Re: [Submarines - not QRP]
Message-ID: <012101be2327\$28a744a0\$9ce56ccf@ron>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

How about them "wild and crazy" Minesweeper sailors?

Ron Smith

USN Retired

Date: Tue, 8 Dec 1998 22:55:00 -0500
From: w2xn@juno.com (Fred J Kalt)
To: qrp-1@lehigh.edu
Subject: [26860] Fox Hunt
Message-ID: <19981208.225501.-797441.7.w2xn@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Patience and persistance pays off !

Nice job with the fox hunt, Bill. You did a great job pulling out the weak stations. The band was very good for the first 30 minutes, then it was the pits, I could barely hear you. Just as I got you at 28 minutes into the hunt, QSB faded me out and you didn't get my name. But patience and persistance paid off as I kept trying and we finally made contact with very fast QSB at 0350Z.

Thanks for being the fox, working to pull me out, and congrats on a nice job a fox, Bill.

Fred W2XN
Lakeland, FL
W5YI-VE Skywarn #POL-007 Polk County ARES Net Manager AR QRP
#233 QRP-L #1728
My Web Page:
<http://www.geocities.com/ResearchTriangle/Thinktank/5344/>

Date: Tue, 08 Dec 1998 23:14:13 -0500
From: "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>
Subject: [26861] Ten Tec gear
Message-ID: <366DF915.92223A00@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I'll second, third or whatever what folks are saying about ten tec. My only non-qrp rig is a third hand 20 or so year old Triton IV digital rig. (By the way it does turn down to 5 watts nicely too). I've also built the 1330 and have no complaints there either. Folks should also remember that Ten Tec was one of the first outfits to sell QRP modules for experimenters.

--

+++++

T.J. "SKIP" AREY N2EI e-mail tjarey@home.com

Website <http://members.home.net/tjarey>

Snail Mail: PO Box 236, Beverly, NJ 08010

Specialization is for insects! LAZARUS LONG

Date: Tue, 8 Dec 1998 20:55:19 -0800
From: bens@valint.net
To: <qrp-1@Lehigh.EDU>
Subject: [26862] FS MFJ 9040
Message-ID: <199812090453.XAA88366@nss4.cc.Lehigh.EDU>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

FS MFJ 9040 \$110 ppd in 48

Bob, KQ7J
bens@valint.net

Date: Tue, 8 Dec 1998 21:08:14 -0800
From: "Radman" <radman@best.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [26863] Switching PS Summary....
Message-ID: <199812090505.VAA03681@proxy4.ba.best.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang,

I've been getting a mountain of email from guys wanting to know if they should buy the Samlex SEC-1223 switching supply (13.8VDC @ 23 amps) from TechAmerica -- on sale at \$79.95. In summary, I've heard from two owners of the Samlex switcher and two owners of the competing Astron switcher. Bottom line is that everyone I've heard from loves both the Astron and the Samlex! I have heard nothing unfavorable about either unit. Both are said to be very quiet. In favor of the Samlex: light weight = 3 pounds; that's 1.2 pounds lighter than the Astron. The Samlex can be wired for 110-120 or 220-240 VAC input, making it a versatile travel supply for various supply mains. The footprint of the Samlex is 7" x 8.25" (2.25" high) making it very stackable with various transceivers and tuners. The sale price is about half of what some JA manufacturers are charging for matching switchers. Sounds very favorable!

If any of you have additional comments on these products, could you please advise :-)

Hmmm, I think my suitcase is about to get lighter :-)

vry 72 - Conrad Weiss - NN6CW

Date: Wed, 9 Dec 1998 00:20:27 -0500
From: wn6hyx@qsl.net ()
To: qrp-l@Lehigh.EDU
Subject: [26864] numb in california
Message-ID: <199812090520.AAA24387@ns1.qsl.net>

Hello Everyone...

A great big 88 to all who "caught" and to all that tried. I have to say that you all are the greatest bunch of ops around.

Here's the log (have to work on my cw numbers!)

ve6ewm 559 earl
nq79 589 Floyd (grt sig floyd)
k0evz 579 Doc :)
k5on 579 Gary
KF6cta 579 Dick
wa9pwp 559 Paul
wa8ghz 459 Jack
k5ubs 589 Oscar

KI7mn 589 Bob
w4sea 559 Rick (88 es tn timer)
n4roa 579 Dan
Kq5U 349 Terry
kc5lu 459 Jerry
and last but not least w4vct 339/559 pete

and tom n1tp ... i think i sent your call out more tonite than mine!

Thanks to all for making this a lot of fun es hope to see you on thursday.

72/88

Mary <>wn6hyx
qrp-l 1779

Date: Wed, 9 Dec 1998 01:20:48 -0500
From: wn6hyx@qsl.net ()
To: qrp-l@Lehigh.EDU
Subject: [26865] log correction
Message-ID: <199812090620.BAA26676@ns1.qsl.net>

Hello all

I hope a weary fox is forgiven for typos es other errors.

Floyd has not become dx...his call should have been listed as NQ7X es
kf4ksm 559 FL Mac 704...he never made it from my chicken scratches to the log at
all. Sorry mac.

72

Mary >wn6hyx

Date: Wed, 09 Dec 1998 01:33:30 -0500
From: Tom Palmer <n1tp@worldnet.att.net>
To: wn6hyx@qsl.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [26866] Re: numb in california
Message-ID: <366E19B9.1C95A8F8@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Mary, thanks for replying to me dropping my call sign, but I never heard you trying to reply to me. I very clearly heard you work W4SEA, N4ROA and W4CVT, but there was a strong carrier right on top of 7.099.70 during the last 30 minutes. It's encouraging to me that you were able to hear my call sign. I've got my MONSTER beam up now and I hope to catcch you on Thursday. Many, many thanks for trying to get my ear. Tom, N1TP. P.S., I bagged Jeff at 0115 and Bill at 0210. The beam works!

wn6hyx@qsl.net wrote:

```
> Hello Everyone...
>
> A great big 88 to all who "caught" and to all that tried. I have to say that
you all are the greatest bunch of ops around.
>
> Here's the log (have to work on my cw numbers!)
>
> ve6ewm 559 earl
> nq79 589 Floyd (grt sig floyd)
> k0evz 579 Doc :)
> k5on 579 Gary
> KF6cta 579 Dick
> wa9pwp 559 Paul
> wa8ghz 459 Jack
> k5ubs 589 Oscar
> KI7mn 589 Bob
> w4sea 559 Rick (88 es tn timer)
> n4roa 579 Dan
> Kq5U 349 Terry
> kc5lu 459 Jerry
> and last but not least w4vct 339/559 pete
>
> and tom n1tp ... i think i sent your call out more tonite than mine!
>
> Thanks to all for making this a lot of fun es hope to see you on thursday.
>
> 72/88
> Mary <><wn6hyx
> qrp-l 1779
```

Date: Wed, 09 Dec 1998 01:34:18 -0500
From: Tom Palmer <n1tp@worldnet.att.net>
To: wn6hyx@qsl.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [26867] Re: numb in california
Message-ID: <366E19EA.C9587F66@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Mary, thanks for replying to me dropping my call sign, but I never heard you trying to reply to me. I very clearly heard you work W4SEA, N4ROA and W4CVT, but there was a strong carrier right on top of 7.109.70 during the last 40 minutes. It's encouraging to me that you were able to hear my call sign. I've got my MONSTER beam up now and I hope to catcch you on Thursday. Many, many thanks for trying to get my ear. Tom, N1TP. P.S., I bagged Jeff at 0115 and Bill at 0210. The beam works!

wn6hyx@qsl.net wrote:

> Hello Everyone...
>
> A great big 88 to all who "caught" and to all that tried. I have to say that you all are the greatest bunch of ops around.
>
> Here's the log (have to work on my cw numbers!)
>
> ve6ewm 559 earl
> nq79 589 Floyd (grt sig floyd)
> k0evz 579 Doc :)
> k5on 579 Gary
> KF6cta 579 Dick
> wa9pwp 559 Paul
> wa8ghz 459 Jack
> k5ubs 589 Oscar
> KI7mn 589 Bob
> w4sea 559 Rick (88 es tn timer)
> n4roa 579 Dan
> Kq5U 349 Terry
> kc5lu 459 Jerry
> and last but not least w4vct 339/559 pete
>
> and tom n1tp ... i think i sent your call out more tonite than mine!
>
> Thanks to all for making this a lot of fun es hope to see you on thursday.

>
> 72/88
> Mary <><wn6hyx
> qrp-1 1779

Date: Wed, 09 Dec 1998 01:34:50 -0500
From: Tom Palmer <n1tp@worldnet.att.net>
To: wn6hyx@qsl.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [26868] Re: numb in california
Message-ID: <366E1A09.8523A15A@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Mary, thanks for replying to me dropping my call sign, but I never heard you trying to reply to me. I very clearly heard you work W4SEA, N4ROA and W4CVT, but there was a strong carrier right on top of 7.109.70 during the last 40 minutes. It's encouraging to me that you were able to hear my call sign. I've got my MONSTER beam up now and I hope to catch you on Thursday. Many, many thanks for trying to get my ear. Tom, N1TP. P.S., I bagged Jeff at 0115 and Bill at 0210. The beam works!

wn6hyx@qsl.net wrote:

> Hello Everyone...
>
> A great big 88 to all who "caught" and to all that tried. I have to say that you all are the greatest bunch of ops around.
>
> Here's the log (have to work on my cw numbers!)
>
> ve6ewm 559 earl
> nq79 589 Floyd (grt sig floyd)
> k0evz 579 Doc :)
> k5on 579 Gary
> KF6cta 579 Dick
> wa9pwp 559 Paul
> wa8ghz 459 Jack
> k5ubs 589 Oscar
> KI7mn 589 Bob
> w4sea 559 Rick (88 es tnz)

> n4roa 579 Dan
> Kq5U 349 Terry
> kc5lu 459 Jerry
> and last but not least w4vct 339/559 pete
>
> and tom n1tp ... i think i sent your call out more tonite than mine!
>
> Thanks to all for making this a lot of fun es hope to see you on thursday.
>
> 72/88
> Mary <>wn6hyx
> qrp-1 1779

Date: Wed, 09 Dec 1998 01:40:10 -0500
From: Tom Palmer <n1tp@worldnet.att.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [26869] Re: numb in california
Message-ID: <366E1B4A.F678738E@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

The carrier was on 7.109.70. I can't type! Tom, N1TP.

Tom Palmer wrote:

> Mary, thanks for replying to me dropping my call sign, but I never heard you
> trying to reply to me. I very clearly heard you
> work W4SEA, N4ROA and W4CVT, but there was a strong carrier right on top of
> 7.099.70 during the last 30 minutes. It's
> encouraging to me that you were able to hear my call sign. I've got my MONSTER
> beam up now and I hope to catcch you on
> Thursday. Many, many thanks for trying to get my ear. Tom, N1TP. P.S., I
> bagged Jeff at 0115 and Bill at 0210. The beam
> works!
>
> wn6hyx@qsl.net wrote:
>
> > Hello Everyone...
> >
> > A great big 88 to all who "caught" and to all that tried. I have to say that
> you all are the greatest bunch of ops around.
> >
> > Here's the log (have to work on my cw numbers!)

> >
> > ve6ewm 559 earl
> > nq79 589 Floyd (grt sig floyd)
> > k0evz 579 Doc :)
> > k5on 579 Gary
> > KF6cta 579 Dick
> > wa9pwp 559 Paul
> > wa8ghz 459 Jack
> > k5ubs 589 Oscar
> > KI7mn 589 Bob
> > w4sea 559 Rick (88 es tnx)
> > n4roa 579 Dan
> > Kq5U 349 Terry
> > kc5lu 459 Jerry
> > and last but not least w4vct 339/559 pete
> >
> > and tom n1tp ... i think i sent your call out more tonite than mine!
> >
> > Thanks to all for making this a lot of fun es hope to see you on thursday.
> >
> > 72/88
> > Mary <><wn6hyx
> > qrp-1 1779

Date: Wed, 9 Dec 1998 00:10:06 -0700
From: w0yse@juno.com (Neil Klagge)
To: kd7s@psnw.com, qrp-1@Lehigh.EDU
Subject: [26870] Mini-L
Message-ID: <19981209.001007.-252093.3.w0yse@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Brovo Bill!!

Altho' I'll be a user rather than a contributor (probably), I welcome and applaud your initiative in this project. Thank you!!

Minimalism is fun!!

72 , Neil, w0yse since '54 <><

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or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 09 Dec 1998 08:49:45 +0100
From: "Eim Mulder" <mulder@server4.nfra.nl>
To: qrp-l@Lehigh.EDU
Cc: qrp-canada@lists.gpfn.sk.ca
Subject: [26871] Info wanted about transvertors.
Message-ID: <s66e39b1.086@server4.nfra.nl>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable
Content-Disposition: inline
Content-Transfer-Encoding: quoted-printable

I would like to use my portable all mode rig for use on 10 and or wo =
metres.
There for i am looking for a simple schematic.
Who can help me out or have eever made such a thing

I can use everything what you have, if it's made on PCB board i would also =
be intereted on the files
of it, the original one or in gerber or dxf format or even a netlist or =
whatever.

73,s-----Eim-----PA3CMD

Eim mulder

mulder@nfra.nl

Date: Wed, 9 Dec 1998 05:03:21 -0800
From: "Francis Callahan" <colcal@srv.net>
To: <QRP-L@lehigh.edu>
Subject: [26872] Trade
Message-ID: <199812091154.EAA14767@srv.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Looking to trade a Palomar R-X noise bridge w manual for a Index

Labortories QRP companion antenna tunner. Reply by direct e mail Cal KF7ET
colcal@srv.net

Date: Wed, 9 Dec 1998 08:06:24 -0500
From: DNT1@daimlerchrysler.com
To: qrp-1@Lehigh.EDU
Subject: [26873] Re: Three-FOX Night :-)
Message-ID: <052566D5.0047F8CE.00@Ingodd02.notes.chrysler.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

Doc wrote:

> Well this is a very special day in FOX history. We actually have
> three FOXes on tonight. Imagine having a chance for *three* pelts.

I imagined with excitement but went to bed with disappointment. The only thing sadder than missing out on the Fox is missing ALL of the Foxii for the night! I heard 2 of them (WN6HYX & K5ZTY), never did find KF4SJV for all of the BC interference. Even the Foxii I found were weak, QSB & QRM were rampant. I feel I learned a lot about copying through other signals to get to the ones I was trying to hear last night, although I'd like to have had a pelt to show for it! The reports for WN6HYX and K5ZTY were 349 & 459 respectively at their best times, 129 & 239 respectively during the worst. No joy here in EM64pw this time around, maybe next time...

72,

Don T. AI4CW QRP-L#1670

Date: Wed, 09 Dec 1998 08:06:31 +0000
From: Michael Neverdosky <MichaelN@cycat.com>
To: qrp-1 mailing list <qrp-1@Lehigh.edu>
Subject: [26874] Re: [Submarines - not QRP]
Message-ID: <366E2F87.2258CD20@cycat.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I served on USS Constant, MSO-427.

Wooden ships and iron men.

Minesweeping today is just not the same, now it is mostly done with helicopters pulling sleds. Doesn't have the same 'flavor'. :-)(

OTOH I don't know of many helicopters sunk by mines. :-)

michael N6CHV

resmith666@uswest.net wrote:

>
> How about them "wild and crazy" Minesweeper sailors?
>
> Ron Smith
> USN Retired

Date: Wed, 09 Dec 1998 08:26:09 -0500
From: Scott Howell <whowell@hq.nasa.gov>
To: jdougher@wt.net, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [26875] Re: IWBF: Stereo Foxii tonight.
Message-ID: <3.0.5.32.19981209082609.00802370@mail.hq.nasa.gov>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

tried and tried, but no fox heard in MD. conditions seemed pretty noisy, but perhaps next time.

At 08:56 PM 12/08/1998 -0800, JFD / WA8GHZ /5 wrote:
>JOY! Worked BOTH Mary at 7.109 and Bill at 7.041 this evening and

Date: Wed, 9 Dec 1998 08:53:53 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: //QRP-L Discussion Group <QRP-L@Lehigh.edu>, "+Doc W.D. Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [26876] Need Antenna Advice
Message-ID: <199812090855_MC2-62FB-322B@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii

Content-Disposition: inline
Content-Transfer-Encoding: 7bit

Gang:

Considering installing a station in one of my warehouse properties. This is certainly not ideal, but I own the building. So at least I can put up something more or less permanently :-).

What would be a goo antenna? The building is a single-story metal structure probably 100 feet diagonally. There are other similar single-story buildings adjacent on both sides.

Would like to get out my GAP. But that is practically impossible in this weather.

What do you think? Could I for instance put up two of the RS 36' masts on the diagonals and string a long wire antenna betwee.? Will really appreciate hearing something soon....before the weather finally does turn into serious winter (we usually have six months of serious winter with over 100 inches of snow).

Thanks for any and all advice. And continued good luck with the FOX hunts.

72/73,
--Doc Lindsey/K0EVZ
DSBF
P.O. Box 7187
Bismarck, ND 58507
E-Mail 70511.3041@compuserve.com

Date: Wed, 09 Dec 1998 08:54:10 -0500
From: "Edward A Kwik jr" <eakwikjr@hti.com>
To: 70511.3041@compuserve.com, "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>
Subject: [26877] Re: Three-FOX Night :-)
Message-ID: <366E8102.C040FEDE@hti.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Doc,
Heard you work all three. I could hear Mary and her signal was getting stronger but I think she went QRT at 0200 just when she was getting loud

enough for me to call. I heard Jeff but he was never loud enough to call but heard lots of hounds work him. Then while you were calling Bill, your signal was as loud as I have ever heard qrp. 20 over. Keep the N/T+ foxes coming. I gotta work one sooner or later.

Ed AB8DF

Date: Wed, 9 Dec 1998 08:01:04 +0000
From: "Bryan Turner" <turnerw@email.uah.edu>
To: qrp-l@Lehigh.EDU
Subject: [26878] Baygen
Message-ID: <199812091405.IAA31614@uahis1.uah.edu>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

Shop around when buying Baygen products. Their radios are sold at extremely inflated prices in Europe and North America. If you have a friend in the third world you may be able to get him to buy one at the real price and ship it to you.

73 Bryan W8LN

Date: Wed, 9 Dec 1998 15:17:05 +0000 (UTC)
From: Hajo Dezelski <hjd@abt2-a.d6.verwaltung.uni-tuebingen.de>
To: qrp-l@Lehigh.EDU
Subject: [26879] FS: QRP-Rigs etc.
Message-ID: <Pine.LNX.3.96.981209151628.158A-1000000@abt2-a.d6.verwaltung.uni-tuebingen.de>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hello,

just to get a little bit more place in my shack I want to sell the following rigs:

Ten-Tec Argonaut II (has been realigned by a local dealer) 1200 DM

Ten-Tec Argonaut 515 with additional LF-Filter 500 DM

OHR-400 with keyer 400 DM

OHR-30 with keyer 250 DM

LDG Autotuner (100 w) 200 DM

plus postage. Delivery within europe would be preferred.

All in a good working condition.

Please contact me at via Email : dezelski@uni-tuebingen.de

72 de Hajo DL1SDZ

Date: Wed, 9 Dec 1998 09:20:14 -0500
From: "Ed Tanton" <n4xy@mindspring.com>
To: <70511.3041@compuserve.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [26880] RE: Need Antenna Advice
Message-ID: <000101be237f\$09addac0\$01010101@n4xy>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

If-as I suspect-the roof is also metal, it ought to be a really nice counterpoise for the vertical you don't want to put up! I'd sure think about that.

> -----Original Message-----
> From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of
> Wilford D. Lindsey
> Sent: Wednesday, December 09, 1998 8:54 AM
> To: Low Power Amateur Radio Discussion
> Subject: Need Antenna Advice
>
>
> Gang:
>
> Considering installing a station in one of my warehouse properties.
> This is certainly not ideal, but I own the building. So at least I can
> put up something more or less permanently :-).
>
> What would be a goo antenna? The building is a single-story metal

> structure probably 100 feet diagonally. There are other similar
> single-story buildings adjacent on both sides.
>
> Would like to get out my GAP. But that is practically impossible in this
> weather.
>
> What do you think? Could I for instance put up two of the RS 36' masts
> on the diagonals and string a long wire antenna between? Will really
> appreciate hearing something soon....before the weather finally does
> turn into serious winter (we usually have six months of serious winter
> with over 100 inches of snow).
>
> Thanks for any and all advice. And continued good luck with the FOX
> hunts.
>
> 72/73,
> --Doc Lindsey/K0EVZ
> DSBF
> P.O. Box 7187
> Bismarck, ND 58507
> E-Mail 70511.3041@compuserve.com
>

Date: Wed, 9 Dec 1998 08:23:15 -0600 (CST)
From: ac5ez@webtv.net (Larry B)
To: qrp-1@Lehigh.EDU
Subject: [26881] no fox
Message-ID: <4613-366E87D3-72@mailtod-122.bryant.webtv.net>
Content-Disposition: Inline
Content-Type: Text/Plain; Charset=US-ASCII
Content-Transfer-Encoding: 7Bit
MIME-Version: 1.0 (WebTV)
Content-Transfer-Encoding: 7Bit

Heard the n/t foxes, very weak , deep down in the noise here, fading in
and out of audible range, no luck , maybe next time.

Larry, K1zw

Date: Wed, 9 Dec 1998 08:24:12 -0600
From: "Brockwell, Stephen E." <brockwse@fssec.army.mil>
To: "'qrp-1@lehigh.edu'" <qrp-1@lehigh.edu>

Subject: [26882] 11-2-10 problems -- SOLVED!!
Message-ID: <BB6584384834D211AFC00000F8BDCA842B2E35@alrsrv02>
MIME-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"

Thanks to Steve Weber, Kevin Walker, David Meacham, Mike Dooley, "Skip" Arey, and Paul Schreier for the hints, tips and encouragement on fixing this one.

Turns out there was a pin on the PLL that was not really soldered even after I hit it many times with the iron. After truly soldering that one pin (2 hours to find it!!!!) the VCO locked at 5 volts. Viola, voila, u-reek-a !!! I learned that speed is not my friend in electronics construction; careful work with double checking saves time. (It also helps to have many experts just an email away!!)

Thanks to the Elmers.....
Steve KC5TTY

Date: Wed, 9 Dec 1998 09:35:56 -0500 (EST)
From: Bruce Muscolino <w6toy@erols.com>
To: QRP-L@LEHIGH.EDU
Cc: kb4dpf@visi.net
Subject: [26883] Re: BayGen on ABC
Message-ID: <2.2.16.19981209092624.2aa7c16a@pop.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

The Bay-Gen has been around a long time -- I remember an article about it a couple of years ago. It was being touted then as a solution to radio in the bush -- somewhere you had no electricity and wanted to hear the news. The later generations are substantially the same.

Bay-Gen appears to be a low current solution to providing current. If there is a high current version it must be pretty bulky. This does not mean it couldn't be a solution to bush type electrical problems. Trying to use a Bay-Gen for a ham station would be an expensive proposition at best, I think. First you would have to have a generator capable of at least a couple hundred mils if you're going to get anywhere. I think such a generator would be rather expensive.

For those of you who think it is the end all and be all of radio, why don't you look up the patent papers and build yourself one?

Date: Wed, 09 Dec 1998 09:35:53 EST
From: d.nordquest@juno.com (David A Nordquest)
To: qrp-1@lehigh.edu
Subject: [26884] Spectrum Analysis With Sound Card
Message-ID: <19981209.093759.11327.0.d.nordquest@juno.com>

Previous postings have mentioned audio spectrum analysis and filter programs for PC sound cards. One good site is the following:

<ftp://ftp.simtel.net/pub/simtelnet/msdos/sound>

Does anyone know if such programs will run easily on newer PCI sound cards? I'm thinking of buying one to replace an older card missing its smoke.

Thanks!

Dave KE9ED

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 09 Dec 1998 10:04:58 +0000
From: Michael Neverdosky <MichaelN@cycat.com>
To: qrp-1 mailing list <qrp-1@Lehigh.edu>
Subject: [26885] Cold solder joints, was 11-2-10 problems -- SOLVED!!
Message-ID: <366E4B4A.35D2765A@cycat.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Here is a reminder for everyone.

When you have a cold solder joint, just reheating it will rarely do any good. You need to remove the solder, clean both parts of the joint, add flux and resolder.

I have found by many trials that doing it right the first time is much faster and easier than taking a risk with the quick reheat trick.

This is most true in two cases.

1. New construction, the reason for a bad solder joint in new construction is usually a dirty lead. You must clean the lead to get a good joint.

2. Very old radios, or radios used in a corrosive environment (salt water).

If the solder is dull and/or corroded then you really want to remove as much of the old solder as possible and resolder with nice clean new solder.

Yes, do **every** solder joint.

Now you know why radio shops won't repair salt water corrosion damage in most cases. :-))

It is a very long process.

Another tip;

For inspection use a lighted magnifying unit, on any connections that I suspect I inspect with a Radio Shack 30X lighted magnifier, lets me see even tiny problems.

michael N6CHV

brockwse@fssec.army.mil wrote:

> Turns out there was a pin on the PLL that was not really soldered
> even after I hit it many times with the iron. After truly soldering that
> one pin (2 hours to find it!!!!) the VCO locked at 5 volts.

Date: Wed, 09 Dec 1998 09:08:39 -0600
From: Lee Bahr <bahr521@earthlink.net>
To: turnerw@email.uah.edu
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [26886] Re: Baygen
Message-ID: <366E9277.A763CA1@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Baygen radios are sold at Radio Shack Stores. I bought one there. Lee Bahr w0vt

Bryan Turner wrote:

>
> Shop around when buying Baygen products. Their radios are sold at
> extremely inflated prices in Europe and North America. If you have a

> friend in the third world you may be able to get him to buy one at
> the real price and ship it to you.
> 73 Bryan W8LN

Date: Wed, 9 Dec 1998 09:11:42 +0000
From: "Bryan Turner" <turnerw@email.uah.edu>
To: turnerw@email.uah.edu, bahr521@earthlink.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [26887] Re: Baygen
Message-ID: <199812091516.JAA32310@uahis1.uah.edu>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

Is it in their 1998 Catalog? I am curious about their price, and if
they are selling the version with shortwave. 73 Bryan W8LN

> Baygen radios are sold at Radio Shack Stores. I bought one there. Lee
> Bahr w0vt
>

Date: Wed, 09 Dec 1998 07:14:45 PST
From: "DJ Rock" <b2bn@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [26888] Re: BayGen on ABC
Message-ID: <19981209151446.28859.qmail@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain

Hello all:

I wonder if it would be possible to stack multiple baygen generators
together. If you had 3 or 4 of them working together, you could muster
the current for a few watts of QRP. Or I guess they could just market a
heavier duty model of the single generator.

>From owner-qrp-l@Lehigh.EDU Wed Dec 09 06:42:21 1998
>R
>The Bay-Gen has been around a long time -- I remember an article about
it a
>couple of years ago. It was being touted then as a solution to radio
in
>the bush -- somewhere you had no electricity and wanted to hear the
news.

>The later generations are substantially the same.
>
>Bay-Gen appears to be a low current solution to providing current. If
there
>is a high current version it must be pretty bulky. This does not mean
it
>couldn't be a solution to bush type electrical problems. Trying to use
a
>Bay-Gen for a ham station would be an expensive proposition at best, I
>think. First you would have to have a generator capable of at least a
>couple hundred mils if you're going to get anywhere. I think such a
>generator would be rather expensive.
>
>For those of you who think it is the end all and be all of radio, why
don't
>you look up the patent papers and build yourself one?
>
>73
>

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Wed, 09 Dec 1998 08:20:42 -0700
From: Andy Fox <foxes@theriver.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [26889] Re: EPROM Erasing
Message-ID: <366E954A.3221C246@theriver.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi,

Thanks to everyone who responded to my request (about a dozen people).
Most people suggested that 10 minutes is adequate to erase a PIC, and
that it can't hurt to double the exposure. Other helpful hints:

Make sure that the window is clean.

Have several windowed parts (work w/one while erasing another).

Erase time will increase over time (UV tubes get weaker).

Thanks again, and 72 de Andy, KK7HV

Date: Wed, 09 Dec 1998 09:36:27 -0600
From: Lee Bahr <bahr521@earthlink.net>
To: turnerw@email.uah.edu, qrp-1@Lehigh.EDU
Subject: [26890] Re: Baygen
Message-ID: <366E98FB.717CE8C@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

My radio has FM, AM and no shortwave. It has the spring and slows down or speeds up with current demand. It also has a solar panel on it. Mine is semi transparent so you can see the gears moving. It is not the model with short wave. It cost me \$79.00. I don't know if Radio Shack carries the short wave model. I believe it sells for around \$120.00. I don't know if it is in their catalog. I bought mine approximately 6 weeks ago from a Radio Shack store in Lake Charles, La. It works very well and has great frequency response. I get one half hour play with a full 52 cranks of the handle at regular room volume. They say 1 hour but I believe I could only get that if I used earphones to cut current demand. It is my understanding, the spring material was designed by NASA for unfolding solar panels on satellites when being deployed. You can look at Baygen's web page at <http://www.baygen.com> They tell you the story on why it was developed and how to get a hold of one of their distributors. Lee Bahr w0vt

Bryan Turner wrote:

>
> Is it in their 1998 Catalog? I am curious about their price, and if
> they are selling the version with shortwave. 73 Bryan W8LN
>
> > Baygen radios are sold at Radio Shack Stores. I bought one there. Lee
> > Bahr w0vt
> >

Date: Wed, 9 Dec 1998 09:38:44 +0000
From: "Bryan Turner" <turnerw@email.uah.edu>
To: turnerw@email.uah.edu, qrp-1@Lehigh.EDU, bahr521@earthlink.net
Subject: [26891] Re: Baygen
Message-ID: <199812091543.JAA28592@uahis1.uah.edu>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII

Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

\$79 sounds better than a lot of the prices I've seen. Still, I think it goes for around \$50-60 in some parts of the world including shortwave. 73 Bryan W8LN

> My radio has FM, AM and no shortwave. It has the spring and slows down
> or speeds up with current demand. It also has a solar panel on it.
> Mine is semi transparent so you can see the gears moving. It is not the
> model with short wave. It cost me \$79.00. I don't know if Radio Shack
> carries the short wave model. I believe it sells for around
\$120.00.

Date: Wed, 9 Dec 1998 08:36:51 -0700
From: "Ron Smith" <resmith666@uswest.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [26892] Re: [Submarines - not QRP]
Message-ID: <01eb01be238b\$168083e0\$9ce56ccf@ron>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Morning Michael,

USS Whippoorwill (MSC-207)
~1969-1972 (YN2/YN1 - Independent Duty Yeoman w/Maltese Cross)

>Wooden ships and iron men.

Ahhh THOSE were the days! :-)

>Minesweeping today is just not the same, now it is mostly
>done with helicopters pulling sleds. Doesn't have the same
>'flavor'. :-)(

Oh the thrill of playing Russian Roulette with mine fields off the Viet Nam coast. :-)

>OTOH I don't know of many helicopters sunk by mines. :-)

:-) I'll bet they don't even get close enough to hear the BOOM! :-)

OBQRP:

Anyone got hints on driving a 21" long 1 1/2" Dia. pipe into frozen dirt? My thought is to buy a 12" to 15" wooden drill bit and drill starter holes to make it easier to start the process. Other (and maybe easier) ideas accepted.

72 to all...

Ron - KD7VD

Date: Wed, 09 Dec 1998 10:48:51 -0500
From: olyellr@iglou.com
To: qrp-l@lehigh.edu
Subject: [26893] OHR500 into Belgium at 3watts
Message-ID: <3.0.5.32.19981209104851.0082f2c0@pop.iglou.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Please excuse the bandwidth, but I gotta do the happy holler. Just worked Jack (Jaak), ON7CK in Belgium with 3watts on 15mtrs from my new OHR500. Yeahhhh doggies!! We had a solid, typical DX two-rounder and my report was 539. Jack was running a Yagi to my 135ft inverted-L.

Maybe old news to some, but a big rush for this new, hooked QRP'er.

I just built the '500 and am real happy with it. Others have posted the details, so I'll just add that it delivers as promised and maybe a little more. Very low noise floor, excellent receive, and very smooth QSK. Very stable with no drift after warmup here in the shack.

This was my first kit and was a pleasure to build. My thanks to Steve Sorrell/W8SFF for his tips and advice and to Dick Witzge at Oak Hills for his super tech support. Also to Chuck Adams who offered assistance if needed, but to bother this guy would be very cruel indeed, considering his workload. :)

Have worked both coasts and in between and also Brazil on it so far, but today was the best and I just wanted to share my pleasure with the rig and QRP.

QRP and CW. It doesn't get any better!

Best 72/3 to all and have fun!
Mike L.

=====
de AF4LQ
FISTS #4139 QRP-L #1395
99% CW OP...for the pure JOY of it.
<http://members.iglou.com/olyellr/>

Date: Wed, 9 Dec 1998 09:56:59 -0600 (CST)
From: "Brian.Buydens@usask.ca" <buydens@duke.usask.ca>
To: Ron Smith <resmith666@uswest.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [26894] Re: [Submarines - not QRP]
Message-ID: <Pine.OSF.4.05.9812090955030.25741-100000@duke.usask.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 9 Dec 1998, Ron Smith wrote:

> Anyone got hints on driving a 21" long 1 1/2" Dia. pipe into frozen dirt? My
> thought is to buy a 12" to 15" wooden drill bit and drill starter holes to make
> it easier to start the process. Other (and maybe easier) ideas accepted.
>

One scheme I once heard of was to pump water through the pipe. I suppose
for frozen ground you could use hot water. I have never tried this method
so I have no idea how well it works.

Brian.

```
+-----+
| Brian Buydens,           Computing Services, University of Saskatchewan |
| email: Brian.Buydens@usask.ca           http://duke.usask.ca/~buydens |
| VE5RDV                                     |
+-----+
| DO NOT ADD ME TO ANY MAILING                               No keyboard present |
| LISTS WITHOUT MY CONSENT !!!                               Hit F1 to continue  |
|                                                         Zen engineering?   |
+-----+
```

Date: Wed, 9 Dec 1998 10:53:34 -0500
From: "Kevin F. Glynn" <kfglynn@prodigy.net>
To: <70511.3041@compuserve.com>, "Low Power Amateur Radio Discussion" <qrp-

l@Lehigh.EDU>
Subject: [26895] FOX: Re: Both NT+ FOXes BANGING into ND!
Message-ID: <199812091555.KAA50752@pimout2-int.prodigy.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Doc and gang,

I heard you very strong into NYC last night for both Mary and Bill.

72 Kevin N2TO
Brooklyn, NYC
kfglynn@prodigy.net

> From: Wilford D. Lindsey <70511.3041@compuserve.com>
> To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> Subject: Both NT+ FOXes BANGING into ND!
> Date: Tuesday, December 08, 1998 8:43 PM
>
> Gang:
>
> Please forgive this post. I know it is not timely for many and for those
> getting the digest. But just want to report that both out N/T+ FOXes are
> doing a great job and have terrific 579 or so signals here tonight.
>
> Thanks one and all for giving them both pileups :-).
>
> 72/73,
> --Doc Lindsey/K0EVZ
> DSBF
> P.O. Box 7187
> Bismarck, ND 58507
> E-Mail 70511.3041@compuserve.com

Date: Wed, 9 Dec 1998 09:08:45 -0700
From: jaywa5whn@juno.com
To: qrp-l@lehigh.edu
Subject: [26896] 'Tis was 15 nights before the Night before Christmas
Message-ID: <19981209.090855.-340235.0.jaywa5whn@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Ah ha, I spot a package under the Christmas tree with my name on it from Mrs. Santa. It's time to recon what is under the ol' Mora, NM Pine Tree. I carefully, using an exacto knife, peel back the first layer of the wrapping paper. I don't want to leave any evidence that I am sneaking into the package. I peel back the second layer on one side. What's this? Pots & Pans? I recognize the box. It's a box my eldest Son had used to move with. Oh, Mrs. Santa is sneaky, darn She has anticipated my curiosity. I am very careful to repackage and fold the wrapping paper back down, on one side of the box. I carefully look around for another box about the same size & use the same wrapping paper, off of the same roll and carefully remove the name tag on the first box and place it on the decoy. The scale in the bathroom reads slightly over 4 lbs, for this package. I pack the equivalent weight into the decoy, and finish the wrapping.

I drive to the airport enroute to Phoenix, {It never snows there} Arizona on business travel. As I walk through the security area at the Albuquerque International Airport, I pause to see the box go through the X-ray machine. Wahoo! Now I know what it is. ; -)

When I return from Phoenix, where it never snows & the temperature drops below 32 deg. F, my youngest Son receives a phone call to come & pick me up at the Albuquerque airport. He notices the box and mentions that I have one that looks just like that one @ home. OK, I had confessed to him what had happened. He smiles and says that he has done the same thing many times before. Gee, talk about a parent child roll reversal.

It is a Baygen Latern, 3VDC @ 350 ma. Hmm, that will charge 2 NiMH AA batteries rather nicely from the wind up spring released generator. I had read on the web that the Baygen generators will last over 10,000 cycles {wind up, run down spring, like the old chronometers}. I will road test this latern after Christmas. I have 8 NiMH AA batteries that are abused regularly in the QRP xcvs. This Latern/Generator would help in an emergency.

While at the Sky Harbor {Phoenix} airport, I had heard that San Francisco had lights out for about 1day. This latern would have made a great addition in that enviorment.

I had also picked up a copy of "Blind Man's Bluff" {1rst Edition, however the 4th edition is out there too} in Phoenix. All this time this ex-skimmer had thought all of you boat sailors were out there being chased by amorous whales, and relaxing in the pubs in Scotland & on the beach in Guam. ; -)

It's 72 deg. F {Dec. 8} in NJ & the warmest temperature in AZ is 34 deg. F. What's wrong with this picture?

Fantastic edition of "QRPP". WOW! This particular edition will set a standard.

Have a Happy Holiday Season,

...Jay, WA5WHN DM65qd Albuquerque,

NM USA

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or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 9 Dec 1998 11:15:25 -0500
From: "Franco, Nicholas J" <franco@bnl.gov>
To: qrp-1@lehigh.edu
Subject: [26897] FOX: IWTF: Antenna Stuff
Message-ID: <7F3D7334ABE6D11196F500A0C9B426B63F7E5F@exchange.bnl.gov>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Had a meeting to attend last night and was watching the clock so I could get a shot at the Fox afterward. It was a busy and hectic day. We had a new cesspool installed yesterday, with a backhoe and dump truck in my little yard, Phew! Looks like a mine field now - Lot's of work to do.

Assessing my yard disaster I noticed a very disturbing sight. There sticking out of the ground was a piece of wire - OH NO! My 9913 feedline to the HF6V. That's 150' feeline now severed and mangled :-(And there's a

Fox hunt too - OH NO. So I had to think quickly. I went down to the basement and hooked a ground clamp onto the cold water pipe and ran a ground wire to the tuner. It was grounded before but not as well as I would like. Then I took the balanced feed from the tuner and twisted it together making a single wire feed to the MFJ tuner. This now turned my 80 meter 1/2 wave zepp into a long wire Marconi antenna. Now I should be able to tune any band (I hoped). I was able to tune up 40m and that's all I cared about for last night.

I arrived home from the meeting and ran to the shack. With the antenna pre-tuned on 40m from the afternoon experience, I quickly sighted the Fox - However his call was not what I expected (didn't see the swap notices - no email yesterday). But he was sure calling CQ FOX so I gave him a call and bingo - another pelt. I didn't even give the Argo a change to warm up and settle in and I got the Fox. Thanks Bill - good work.

I guess my new antenna setup with last for a while this way. Obviously, it's radiating. So now I have about 132 foot flat-top antenna center fed with balanced line all the way to the shack and then twisted together and hooked into the single wire line of my MFJ tuner and the tuner is decently grounded to the cold water system of the house. What kind of antenna is this anyway?? One that works :-) at least on 40 anyway :-) Now I have to try the other bands and see what happens.

72 all es Happy Holidays

Nick - kf2ph . . .

QRP-L # 13

--

Nicholas J. Franco <>> BROOKHAVEN NATIONAL LABORATORY
Systems Administrator RHIC Project Building 1005
Tel: (516) 344-5467 UPTON, NY 11973-5000
Fax: (516) 344-3674 Ham Call: KF2PH
Email: nickf@bnl.gov <http://www.rhichome.bnl.gov/People/franco>

Date: Wed, 9 Dec 1998 10:14:38 -0600
From: vlantz@juno.com (Vann G Lantz)
To: qrp-l@Lehigh.EDU
Subject: [26898] Where are the charts?
Message-ID: <19981209.101438.12494.0.VLantz@juno.com>

Where on the internet can I find a chart that will tell me where a Call Sign is coming from? (i.e. KB6 California, VE5 Saskatchewan, ...)

Thanks!

Vann Lantz

KF4QHJ, AL, QRP-L #1790

VLantz@Juno.Com

"If there is no God, then who pops up the next Kleenex in the box?"

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 9 Dec 1998 10:24:21 -0600 (EST)
From: Jim Glover <psykey@okcforum.org>
To: qrp-l@lehigh.edu
Subject: [26899] Noisy Switching Supplies
Message-ID: <199812091624.KAA25209@okcforum.org>
Content-Type: text

At a hamfest a couple of years ago, I picked up a switching supply pulled from equipment. It's ~12 VDC (adjustable) with a 4A rating. Not bad, for \$5. Yes, it's noisy, but I have found that keeping it about 2 meters from receivers and using outside antennas is enough to make the noise barely noticable in my received signals. Usually, I don't hear a peep out of it. I don't know if the results would be similar with a typical 20A or heftier switching supply, but perhaps it's worth a try? A DC power cord 2 or 3 meters long might not be too high a price to pay for the advantages of a switching supply.

--Jim WB5UDE

Date: Wed, 09 Dec 1998 11:30:35 -0500
From: Richard Arland <k7sz@epix.net>
To: larsenp@cadvision.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [26900] Re: Qrp Log
Message-ID: <366EA5AB.7D18420B@epix.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Peter Larsen wrote:

>

> Hi All:

> The best computer logger IMHO is Log-EQF.

I whole-heartedly agree! Been using Log-EQF for 4 years and it is a great program...inexpensive, too.

73 Rich K7SZ

Date: Wed, 9 Dec 1998 11:38:04 EST
From: Bensondj@aol.com
To: qrp-l@lehigh.edu
Subject: [26901] SW+ Availability
Message-ID: <c4705c60.366ea76c@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

gang-

I've received a number of inquiries lately about availability of the SW+ series, thanks largely to Doug and Paul's fabulous effort with the latest issue of QRPP.

They're available for 80/ 40/30/20M- plenty of parts in stock for both the board kit and enclosure. :-)

72, Dave Benson- NN1G

Date: Wed, 9 Dec 1998 11:52:54 -0500 (EST)
From: Laura Denise Halliday <lha@sdr.utias.utoronto.ca>
To: qrp-l@lehigh.edu
Subject: [26902] Re: "Better" Receiver?
Message-ID: <Pine.SOL.3.92.981209113629.23479A-1000000@madrox>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Bill W2EB wrote:

> I'm trying to make my own transeiver...Given that
> I want a receiver that's clean, relatively free from
> overload, and pretty sensitive: Which type of receiver
> is "better"?

With modern components it doesn't make much difference.
You need to amplify, filter and detect the incoming
signals, but it's almost entirely up to you which order
you perform the operations in.

My high-performance receiver these days would have an
I/Q front end with high-level mixers, matched diplexers
and audio amplifiers with some rough passband shaping and
gain control, then DSP for the final processing and
filtering.

This is a bit of a tradeoff, in that the analog stuff is
going to have higher dynamic range than any DSP I can
afford, but by coddling the DSP a bit, I can make all
sorts of other cool things happen. I must admit I like
the idea of adaptive algorithms for optimal opposite
sideband suppression... :-)

Laura Halliday VA3LDH "Que les nuages soient notre
Grid: FN03gs pied a terre..."
 - Hospital/Shafte

Date: Wed, 9 Dec 1998 18:12:41 -0000
From: Peter Zenker <Peter_DL2FI@csi.com>
To: "'QRP-L via PoP3'" <qrp-l@lehigh.edu>
Subject: [26903] DL-QRP-AG homepage correction
Message-ID: <01BE239F.866830E0.Peter_DL2FI@csi.com>

There was a failure in the adresse. The coreected address is

http://ourworld.compuserve.com/homepages/peter_dl2fi/

(not the first time i forgot that CSI has not the typical WWW in the adress
sorry

72 de Peter

Date: Wed, 9 Dec 1998 09:21:08 -0800 (PST)
From: "Robert P. Okas" <vintage@best.com>
To: Michael Neverdosky <MichaelN@cycat.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [26904] Re: Cold solder joints, was 11-2-10 problems -- SOLVED!!
Message-ID: <Pine.BSF.4.05.9812090859500.12718-100000@shell14.ba.best.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Howdy fellow surface mounters!

Hit Delete now if not interested. Moderately long...

I completed design/assembly/debug of a pretty substantial digital board recently. It was all surface mount and I learned some important lessons, a few the hard way! The most important lesson learned was to not rely on the flux present in the solder to do the cleaning. A separate dose of flux is mandatory!

A convenient method of flux delivery I found was to use one of those flux pens, which resemble those wide-tipped magic markers. It's relatively easy to dispense the appropriate amount. This stuff dries quickly, and it's best to solder the joint while it's still wet. The heat from the tip boils the flux, the surfaces get nice and shiney and the solder flows readily.

For small components, I found that .020 diameter solder gives the best results. One can easily control the amount of solder in the joint and since there's less thermal mass in the solder, it melts faster. The larger diameter stuff tends to ball-up and splatter as the rosin core melts and boils.

I'll emphatically second Michael's recommendation for lighted magnification. In my experience, those lighted, swing-arm magnifying lamps are good for general work, but don't offer enough magnification for the SMT devices. My 40-something eyes just can't resolve the fine detail that they used to. I have the luxury of having access to a variable power stereo microscope at work. If the RS magnifier can be attached to a stand to free both hands for soldering, you'll be amazed at the fine detail work you do when you can see what you're doing! Hmmm, maybe a pair for stereo, even...

73,
Bob - W3CD

On Wed, 9 Dec 1998, Michael Neverdosky wrote:

>
> When you have a cold solder joint, just reheating it will rarely do any
> good. You need to remove the solder, clean both parts of the joint, add
> flux and resolder.
>
> Another tip;
>
> For inspection use a lighted magnifying unit, on any connections that I
> suspect I inspect with a Radio Shack 30X lighted magnifier, lets me see
> even tiny problems.
>
> michael N6CHV
>

Date: Wed, 9 Dec 1998 11:34:00 -0600
From: William-McShan@ouhsc.edu (Mike McShan)
To: qrp-1@Lehigh.EDU
Subject: [26905] Son of Fireball: info and bibliography
Message-ID: <v01540b00b2945dbb5726@[157.142.56.167]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gang,

To answer several questions at once about the 28.060 MHz crystal oscillator group purchase, I've put together some information.

1. Why 28.060 MHz? This is the 10M QRP calling frequency. For 10M CW work, this frequency is more generally useful than the 28.322 MHz stock oscillator that is widely available (and included with the Jersey Fireball 40 kit). The calling frequency will probably snag more random QSOs for you as well as being usable for QRP contests (you can be a really big gun :-)). The divide-by-2 frequency of 14.030MHz is also particularly useful. The 40M and 80M frequencies generated by the divider chain are also good if you have extra class privileges. All of these "divide-by" frequencies are available with the Jersey Fireball 40 kit which I strongly urge everyone to order since the original Fireball kits of years ago are no longer available.

2. Can the frequency of these oscillators be shifted VXO style? No, I don't believe this arrangement is possible. If someone knows how, then they could post to the list.

3. Where can I read more about Fireballing? Here are the references that I have:

Bill Brown, WB8ELK. The Fire-Ball QRP rig. 73, November 1990, pp. 18-21.

Roger J. Wendell, WB0JNR. Modifying the Fire-Ball. HamBrew Magazine, Winter 1994, pp.35-42

Bill Smith, WA6YPE, and Bob Moody, K7IRK. Milli/Micro Watting. IN Richard Arland, editor, Low Power Communications, Vol. 2, pp 49-59. Tiare Publications, Lake Geneva, WI.

The last mentioned article by Smith and Moody, the originators of the FireBall, is definitely one interesting read. Unfortunately, the book is now out of print I understand. That's a shame because it was packed with useful information.

4. How long will the group buy be offered? I will continue to accept orders until Thursday, December 17, and will send in the order Friday morning, Dec. 18. This will probably be a one time deal, so if you think you might want a custom oscillator now is the time. At the time of the order I will give instructions to everyone as to the final price per oscillator (there probably will be a postage break for those of you who requested more than one unit).

Again, if you wish to order a unit write to me directly at William-McShan@ouhsc.edu.

Thanks and 72,

Mike N5JKY
Edmond, OK

Date: Wed, 09 Dec 1998 10:42:05 -0700
From: Andy Fox <foxes@theriver.com>
To: QRP <qrp-1@Lehigh.EDU>
Subject: [26906] Help! Trouble Soldering DIN Connectors
Message-ID: <366EB66D.57988231@theriver.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi,

Does anyone have any tips for soldering wire to DIN connectors? I have a 5-pin DIN plug that has a solder cup on the back of each pin. It seems that by the time the pin is hot enough to melt the solder, it is also hot enough to melt the plastic that holds the pins together.

I've tried rubbing it out, I've tried scrubbing it out... (apologies to the makers of "Wisk")

Thanks in advance, and 72 de Andy, KK7HV

Date: Wed, 09 Dec 1998 12:43:43 -0500
From: Donald Lefrancois <wb1cdh@mci2000.com>
To: QRP-L <QRP-L@LeHigh.edu>
Subject: [26907] Re: Mini-L: RS Lookout!
Message-ID: <000601be239b\$79ef9500\$4cf137a6@DonaldLefrancois>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Greetings All,

Been looking for the 276-149A board in the RS Catalog. All I find is the 276-149 in both the 1999 & 1996 Catalog. Any idea where the 276-149A is located? Can't find the 276-158B also. Just the 276-158. Am I looking in the wrong place ?

Don / K1NNP

QRP-L #1778
NorCal #1518
NE-QRP #436

-----Original Message-----

From: Ed Manuel <n5em@flash.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Tuesday, December 08, 1998 5:17 PM
Subject: Mini-L: RS Lookout!

>Bill said,

>

>CONSTRUCTION

>

>The individual modules are targeted to fit on Radio Shack perfboards

>(Cat. No. 276-149A). These boards measure 2 7/8" by 2 13/16" and are
>indexed by columns and rows. The modules may be mounted on a
>"motherboard" made from another Radio Shack perfboard (Cat. No.
>276-158B).

>

>

>

>Me thinks these modules are going to get real scarce, real quick.

>

>

>Ed Manuel, N5EM

>Houston, Texas

>n5em@amsat.org

>n5em@flash.net

>

>

Date: Wed, 09 Dec 1998 17:49:03 +0000

From: Ed Loranger <we6w@qsl.net>

To: qrp-l@lehigh.edu

Subject: [26908] Pixie2 for a week. OHR-100 Drift, Res. Spkr, N/T+ Fox.

Message-ID: <366EB80F.6B74@qsl.net>

Mime-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Gang, I haven't heard many pixie2's on the air in a long
time. My WE6W Contest pixie will be my main station rig
for the next 7 days or so.

I'm diving in and will put the OHR-100 off-line while
I measure my OHR-100 on the spectrum analyzer.

I will put my 20 Watt 52 Ohm load on it and measure
component temperatures while in receive mode only. I
will do all work on the ultra quiet 13.6 volt Linear
Powersupply I have that can do 1.6 amps continuously.

So very stable power supply. I have an excellent temperature
probe and my 100 MHz oscilloscope.

The spectrum analyzer can count down into the milliHertz
region when the sweep is slow and the span is tight. So
accurately measuring the frequency drift while warming up

different parts shall be easy.

Thanks to Harvey/N6MM and Dick at OHR, I have two sets of 4 polystyrene capacitors that I can utilize during troubleshooting. Harvey really came thru by providing the N150 coefficient spec. on the units he sent me. I don't know what the temperature coeff. is for the units Dick sent, but I'm sure my measurements will reveal this.

First step will be to measure all ambient temperatures so I know what that is for the components. Then I will monitor any frequency drift as I carefully blow warm air thru a straw. Any drift will be immediately apparent on the Spectrum analyzer if I set a 10 Hz full scan window! Timely reading may require I work down from a 1 KHz window...

I will attempt to measure the effect of each major component involved in the drift and hope the annotated data will teach me a thing or two on what is/is not critical in this rig regarding the drift problems.

I hope my resultant report is as good as I expect it to be, and we shall all learn a thing or two about the drift of the rig.

So I'll be sitting on 7040.03 or 7039.3 depending on which way I toggle my offset on the pixie2.

For those wanting operating times, I can only guarantee Saturday at 9 AM Pacific Time during the WSN-40 QRP Net.

With the Proto II work on my Resonant speaker, the Drift analysis, and packing up the house to move when we find a new rental, I am unsure if I will get my usual 3 hours on the air on 7040 each night.

For the Fox hunt I will have to put the OHR-100 back on the air since the xtal rig can't QSY to the fox.

OH, All this N/T+ fox excitement is killing me! You all know how much I like working them. With the Drake TR-3 in the box and needing repairs I'm stuck on the lower 70 KHz of 40 meters.

My best wishes to all N/T+ foxii and wish I could work you.

72/ED WE6W -- M93M when the nametag turns over...

--

72, Ed WE6W, A-1 OP; <http://www.qsl.net/we6w> Santa Rosa, CA
QRP-Z#106 QRP-L#1068 AR#112 NC#2227 ARCI#9397 QAA#006

Date: Wed, 09 Dec 1998 13:15:18 -0500
From: Scott Howell <whowell@hq.nasa.gov>
To: qrp-1@lehigh.edu
Subject: [26909] SOLAR WIND SQUEEZES SOME OF EARTH'S ATMOSPHERE INTO SPACE
Message-ID: <3.0.5.32.19981209131518.00809ad0@mail.hq.nasa.gov>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

thought you folks might find this of intrest.

72/73 de Scott/n3byy

>
>RELEASE: 98-221
>
>SOLAR WIND SQUEEZES SOME OF EARTH'S ATMOSPHERE INTO
>SPACE
>
> Researchers using NASA's Polar spacecraft have found
>the first direct evidence that bursts of energy from the Sun
>can cause oxygen and other gases to gush from Earth's upper
>atmosphere into space. Scientists first saw this effect
>September 24-25, 1998, when a storm from the Sun smacked into
>the Earth. Using particle detectors on Polar, they found that
>the flow of "polar wind" out of Earth's upper atmosphere
>increased substantially when the storm hit. In effect,
>pressure from the solar ejection squeezed gas out of the
>ionosphere.
>
> Scientists have known since the early 1980s that
>Earth's upper atmosphere leaks oxygen, helium, and hydrogen
>ions (atoms that have gained or lost an electron) into space
>from regions near the poles. But it was not until the Polar
>spacecraft flew through this fountain of ionized gas in
>September 1998 that scientists confirmed that the flow of ions
>was caused by solar activity.
>
> "We now have the first direct, quantifiable evidence
>that disturbances in the solar wind produce changes in the
>flow of ions out of the ionosphere," said Dr. Thomas E. Moore
>of NASA's Goddard Space Flight Center, Greenbelt, MD,
>principal investigator for Polar's Thermal Ion Dynamics
>Experiment (TIDE). "This solar wind energy essentially
>'cooks' the upper atmosphere off of the Earth." Moore's
>observations were presented on December 8 in San Francisco,

>CA, during the fall meeting of the American Geophysical Union.

>

> On September 22, 1998, the Sun ejected a mass of hot,
>ionized gas (known as plasma) toward Earth. This magnetic
>cloud of plasma (called a coronal mass ejection) increased the
>density and pressure of the solar wind and produced a shock
>wave similar to a sonic boom. When that shock wave arrived at
>Earth late on September 24, it rammed into and compressed
>Earth's magnetic shell in space (the magnetosphere). This
>shock to the magnetosphere excited the plasma trapped in
>Earth's ionosphere to a point where some ions gained enough
>energy to escape Earth's gravity and flow downwind of Earth.
>The amount of oxygen and other gases lost from the ionosphere
>amounted to a few hundred tons, roughly equivalent to the mass
>of oxygen inside the Louisiana Superdome.

>

> "This is the supply of plasma that makes things
>interesting in space," said Moore. "Much of the gas ejected
>from the ionosphere is caught in Earth's wake. It then flows
>back toward the Earth while being heated and accelerated by
>the same processes that create auroral particles and the
>radiation belts."

>

> The ionosphere is a series of invisible layers of ions
>and electrons that are suspended in Earth's upper atmosphere
>at about 50 to 650 miles (80 to 1,000 kilometers) in altitude.
>These particles are produced when the Sun's ultraviolet light
>ionizes the atoms and molecules in the upper atmosphere. The
>ionosphere makes long-distance radio communication possible by
>reflecting radio waves back to Earth. It also is home to the
>aurora and the electrical currents that heat the upper
>atmosphere during magnetic storms.

>

> "Our research shows that Earth's own ionosphere is a
>major contributor to the growth of space storms," said Barbara
>Giles, a co-investigator on the TIDE team and researcher at
>Goddard. "These new observations will help us understand the
>conditions that enable space storms to form, thereby moving
>one step closer to the forecasting of the most damaging
>storms."

>

> Prior to the launch of Polar, such observations of ions
>flowing out of the ionosphere were nearly impossible. But the
>TIDE instrument was specifically designed to neutralize the
>electrical charge that naturally builds up on the surface of
>spacecraft due to sunlight (about 40 to 50 volts). By
>squirting a small plume of Xenon ions and electrons, TIDE
>offsets the charge on the spacecraft and allows detectors to

>observe cold plasmas like the oxygen ions seen during the
>September event.
>
>- end -
>
>EDITOR'S NOTE: Images, movies, and captions associated with
>this release are available on the Internet at:
>
> <http://www-spf.gsfc.nasa.gov/istp/news/9812>
>
>
>
>
> * * *
>
>NASA press releases and other information are available automatically
>by sending an Internet electronic mail message to domo@hq.nasa.gov.
>In the body of the message (not the subject line) users should type
>the words "subscribe press-release" (no quotes). The system will
>reply with a confirmation via E-mail of each subscription. A second
>automatic message will include additional information on the service.
>NASA releases also are available via CompuServe using the command
>GO NASA. To unsubscribe from this mailing list, address an E-mail
>message to domo@hq.nasa.gov, leave the subject blank, and type only
>"unsubscribe press-release" (no quotes) in the body of the message.
>
>
>
>

Date: Wed, 9 Dec 1998 10:16:55 -0800
From: dave_epps@juno.com
To: qrp-1@lehigh.edu
Subject: [26910] Navy QRP?
Message-ID: <19981209.101657.-56775.7.dave_epps@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

How do you measure power of lightwaves? Is it QRP?
I was a signalman on the U.S.S. Mt. Katmai AE-16 in '57 & 58.
I know there was a lot of power used to generate the light, but the
output was
in light. Was I a QRP'er then and didn't even know it? I think everyone
should
have a key in their car and a signal light on the top so everyone could

talk to
each other.
dave ab5pc fresno, ca.

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or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 09 Dec 1998 10:19:39 -0800
From: Grant Taylor <k7gt@qsl.net>
To: qrp-1@lehigh.edu
Subject: [26911] Finding DX prefixes
Message-ID: <366EBF3B.3BF1@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

A recent post asked about finding a cross-reference between DX prefixes
and countries. I found the following very useful web site on that topic:

<http://no4j.com/nfdxa/dxcc/dxcc.asp>

In a quick test, it didn't get XQ9 correct (is Easter Island) but got
EA9, JT1, etc. correct. There are many other prefix to country cross-
references out there on the net. Enjoy...

--
Allan G Taylor, PE K7GT k7gt@qsl.net Pleasanton/Livermore CA

Date: Wed, 09 Dec 1998 18:18:56 +0000
From: Ed Loranger <we6w@qsl.net>
To: qrp-1@lehigh.edu
Subject: [26912] AL7FS ride to Oakland Airport.
Message-ID: <366EBF10.2A8F@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hey gang, I just realized that due to Jim being on business
here up in the Santa Rosa Area, and 16 hours a day of
seminars for him, I'm about the only person who will
see him.

I am scheduled to get him to the Oakland airport this Saturday. He didn't give me the exact time he wants me to pick him up, just that his flight is out on Alaska Airlines at around 4PM.

I expect Jim will call me and set the time to leave here, but I expect we will be on the road to Oakland at 1 PM this Saturday.

So, if there is anyone heading from Santa Rosa and cruising by the Oakland airport ANYWAY, maybe we can work out a quick transfer and you can chat with our friend from Alaska.

Otherwise I'll be WE6W/P on voice AM with Jim all to myself.

Just a convenience issue. Any takers?
I'd be silly not to ask.

-Ed

--

72, Ed WE6W, A-1 OP; <http://www.qsl.net/we6w> Santa Rosa, CA
QRP-Z#106 QRP-L#1068 AR#112 NC#2227 ARCI#9397 QAA#006

Date: Wed, 9 Dec 1998 13:24:09 -0500
From: "Ed Tanton" <n4xy@mindspring.com>
To: <foxes@theriver.com>
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [26913] RE: Help! Trouble Soldering DIN Connectors
Message-ID: <001d01be23a1\$1d203770\$01010101@n4xy>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Andy... first off, DON'T use a low power iron... use a 1/8" tip (or finer if necessary) on a 40W or 60W iron-such as a Weller WTCP (set for a good 600 degrees-I use 700 but I've been doing this a long time now) and keep it properly cleaned and tinned. Soldering should be a get in-get out kind of thing. If it takes too long to transfer the heat from the soldering iron tip to the intended solder victim, your applied heat has time to spread into the connector body while you're still trying to melt solder.

Secondly, DO use fine solder-within reason. 0.031 or 0.025 is small enough. Too small, and the net amount of flux in the amount of solder you want to use will be eliminated while you take too long to puddle in. Next, get the mating connector, as a dummy piece and plug it into the piece being soldered. This will hold it in place if things get too warm. (There's a limit to that however-remember you still need to use a minimal amount of time.)

Tin everybody first, alternating between a connector cup and a wire end. That way, the way you join the wire to the cup is to literally place their solder-coated ends together, and heat and serve (while we're into advertising phrases.)

The instant you have immersion of the wire into the DIN solder-cup, pull back the iron tip and start blowing on it. Immediately after that, spit on your finger tip and tap (lightly if you don't want to spot-weld your finger to a still-heated joint.) Repeat 'til it quits spitting back. There's just about nothing short of Cold-Spray as good at removing heat (e.g. calories, again) from something, as the conversion of water to good old fashioned steam.

Do a pin at a time... the heat within the DIN body is cumulative... wait until it is back to room temp after tinning, and before soldering-unless you have some of that Cold-Spray I mentioned handy. It'll accelerate the process... but it does cause the condensation of moisture within the components being cooled-e.g. your wires... so you're better off being patient.

Finally, use some kind of vise, clamp, or what-have-you to stabilize the connector body. Pushing it into that solder cup at just the right angle, just as it melts, will also minimize heat infusion. The more times you apply the iron, and the longer; the more total calories are accumulating-and sooner or later they will be sufficient to melt the body beyond use. Just don't do a bunch of cold joints through too much timidity.

Use enough heat-but not too much, and for not too long. Use enough solder, but not too much. Seems like a whole flock of contradictions in terms or something, but they're utterly true. It is simply an 'experience' thing, and you're gaining with every pin you solder. You will reach a point where you can solder such connectors with impunity-if you just keep at it.

I NEVER really satisfied our QC guy years ago when I was supposed to become aerospace-solder-qualified... I liked wetting the surfaces too much with extra solder. I also lifted too many pads when pulling out the 20-40% they would remove from every joint to save weight. He ultimately passed me, but... !!! Fortunately I was R&D, and they just kept me away from the flight-qual stuff... suited me just fine!

P.S. He was THE best QC chief I ever knew. That guy knew his business!!!

Date: Wed, 9 Dec 1998 13:20:06 -0500
From: "Eugene Hall" <evhall@ix.netcom.com>
To: <foxes@theriver.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [26914] Re: Help! Trouble Soldering DIN Connectors
Message-ID: <199812091826.MAA16351@dfw-ix6.ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Andy,

If you will plug it into a mating connector before you begin soldering I think you will find it will help. If the plastic does happen to get a little soft, the mating connector should help hold it in place.

You might also look at the wattage of your iron. I've found it better to get the pin hot fast to tin it. Then after tinning the wire they go together quickly and the plastic doesn't have time to get soft.

Good Luck,

Gene wa4hhp@amsat.org

> From: Andy Fox <foxes@theriver.com>
> To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> Subject: Help! Trouble Soldering DIN Connectors
> Date: Wednesday, December 09, 1998 12:42 PM
>
> Hi,
>
> Does anyone have any tips for soldering wire to DIN connectors? I have
> a 5-pin DIN plug that has a solder cup on the back of each pin. It
> seems that by the time the pin is hot enough to melt the solder, it is
> also hot enough to melt the plastic that holds the pins together.
>
> I've tried rubbing it out, I've tried scrubbing it out... (apologies to
> the makers of "Wisk")
>
> Thanks in advance, and 72 de Andy, KK7HV

Date: Wed, 09 Dec 1998 13:40:16 -0500
From: Tom Palmer <n1tp@worldnet.att.net>
To: k7gt@qsl.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [26915] Re: Finding DX prefixes
Message-ID: <366EC40F.EE990709@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Also check out:

<http://www.systemtechnik.tu-ilmenau.de/ham/hamitupx.html>

Tom, N1TP.

Grant Taylor wrote:

> A recent post asked about finding a cross-reference between DX prefixes
> and countries. I found the following very useful web site on that topic:
>
> <http://no4j.com/nfdxa/dxccc/dxccc.asp>
>
> In a quick test, it didn't get XQ9 correct (is Easter Island) but got
> EA9, JT1, etc. correct. There are many other prefix to country cross-
> references out there on the net. Enjoy...
>
> --
> Allan G Taylor, PE K7GT k7gt@qsl.net Pleasanton/Livermore CA

Date: Wed, 09 Dec 1998 13:47:17 -0500
From: Jim Lyons <jlyons@CAM.ORG>
To: wb1cdh@mci2000.com, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [26916] Re: Mini-L: RS Lookout!
Message-ID: <3.0.5.32.19981209134717.00816810@pop.hip.cam.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I've just been to the local (Montreal) Radio Shack and, though the A and B are not mentioned in the latest Canadian catalog the boards on the rack do

carry the A and B designation. However, the 276-149A board is an inch narrower than Bill mentioned, I suspect it may be a typo on his part.

BTW I have concerns about the quality of the plating on those boards my past experience has not been favorable.

Jim, VE2KN

At 12:43 PM 09/12/98 -0500, Donald Lefrancois wrote:

>Greetings All,
> Been looking for the 276-149A board in the RS Catalog. All I find is
>the 276-149 in both the 1999 & 1996 Catalog. Any idea where the 276-149A
>is located? Can't find the 276-158B also. Just the 276-158. Am I looking in
>the wrong place ?

>
>Don / K1NNP

>
>QRP-L #1778
>NorCal #1518
>NE-QRP #436

>
>-----Original Message-----
>From: Ed Manuel <n5em@flash.net>
>To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
>Date: Tuesday, December 08, 1998 5:17 PM
>Subject: Mini-L: RS Lookout!

>
>
>>Bill said,
>>
>>CONSTRUCTION

>>
>>The individual modules are targeted to fit on Radio Shack perfboards
>>(Cat. No. 276-149A). These boards measure 2 7/8" by 2 13/16" and are
>>indexed by columns and rows. The modules may be mounted on a
>>"motherboard" made from another Radio Shack perfboard (Cat. No.
>>276-158B).

>>
>>
>>
>>Me thinks these modules are going to get real scarce, real quick.

>>
>>
>>Ed Manuel, N5EM
>>Houston, Texas
>>n5em@amsat.org
>>n5em@flash.net
>>

>>
>
>
>

Date: Wed, 09 Dec 1998 02:07:24 -0800
From: Brad Bradfield <b_bradfield@yahoo.com>
To: pharden@aoc.nrao.edu, qrp-1@lehigh.edu
Subject: [26917] Re: Submarines - not QRP
Message-ID: <366E4BDC.6957@yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I swear, all you bubbleheads are more than a bit weird. There's got to be something wrong with anyone who would sink a perfectly good ship on purpose! Sailors belong AT sea, not UNDER it.

Haze grey and underway.

72's es 73's,

Chief Brad, W5CGH

(USNR Ret)

Date: Wed, 09 Dec 1998 12:21:09 -0700
From: tom whalen <whalen@swcp.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [26918] Fireball ordered
Message-ID: <366ECDA5.6B42@swcp.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

QRP-Ler's!

Just ordered my Fireball 40 xmtr this morning! Should be lots of fun to play with and it should even drive my homebrew amp(pair mrf458's) to about 3 or 4 watts.

Just need a companion receiver for this thing now...hint hint!

72, Tom WB5QYT

Date: Wed, 9 Dec 1998 11:29:21 -0800
From: "Radman" <radman@best.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [26919] Samlex Switching PS...
Message-ID: <199812091927.LAA03859@proxy3.ba.best.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang,

Additional info on the Samlex switcher... per Samlex, you have 15 days to try the PS at your location. If you're not fully satisfied you may return it to TechAmerica for a full refund (you pay shipping). Additionally, Samlex offers a 3 year limited warranty on this PS. I talked with their support engineer in Vancouver, BC and he said if anything goes wrong in the course of "normal duty" they will repair or replace free -- you pay shipping costs only. Additionally, he told me Samlex has had no noise complaints above 30 MHz and occasional reports of "birdies" below 30 MHz. He suggests that this is typical of many switchers in communications service and while not a serious problem -- it can be remedied by increasing the physical distance between your receiver and the PS. TechAmerica tells me the Samlex has been a great seller for them, with no "noise returns" -- only the very occasional "DOA." I comparison priced the Samlex vs the Astron SS-25 and the Kenwood PS-40.

Samlex SEC-1223 \$79.95 (TechAmerica price)
Astron SS-25 \$149.95 (HRO price)
Kenwood PS-40 \$199.95 (HRO price)

The above switching supplies have "essentially" the same specs.

I've heard one report of "minor birdies" from one QRP-L list member on the Samlex and generous praises for the Astron switchers.

There you have it :-) Any of the three above sound like a safe buy to me :-) :-)

GL - Conrad Weiss - NN6CW

Date: Wed, 9 Dec 1998 12:35:35 -0700 (MST)
From: James P Rybak <jrybak@mesa7.mesa.colorado.edu>
To: qrp-l@lehigh.edu
Subject: [26920] Equivalent for 3N200 ??
Message-ID: <Pine.OSF.3.91.981209123402.19362A-1000000@mesa7.mesa.colorado.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Is there another transistor equivalent to the 3N200 ?

Thanks.

Jim WOKSD

Date: Wed, 9 Dec 1998 14:44:32 -0500
From: "Ken & Linda Burrough" <ne0c@1st.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [26921] RE; Need Antenna Advice
Message-ID: <006501be23ac\$6d509fe0\$6e06f0d1@ne0c.1st.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Doc

Nice working you last night, you were 25db over here in Eastern Ohio. 40 Meters was in one of its good moods.

If your GAP is the Challenger by all means put it on the wearhouse roof. I have three GAP verticals here and they all work great for me. Last night I was using my Challenger.

Just my thoughts on antennas--good luck

Ken/ne0c

Flushing, Ohio
QRP-L 1524

Date: Wed, 9 Dec 1998 14:40:56 -0500
From: DNT1@daimlerchrysler.com
To: qrp-l@Lehigh.EDU
Subject: [26922] Re: Autumn QRPP is fabulous!
Message-ID: <052566D5.006C17E4.00@Ingodd02.notes.chrysler.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

George Heron, N2APB wrote:

> A few have mentioned that their Autumn QRPP was received in the mail
> yesterday ... mine arrived too, and all I can say is WOW! This is a
> first-of-a-kind (that I'm aware of) that deals with a single technical
> topic, and it is *so* well done!
----- Snip! -----
> Further, and most important, all the material about the Elmer 101 series
and
> Dave Benson's SW-40+ rig "dissection and explanation" is an absolute
> treasure trove of information!

I'll second that! I joined NorCal just in time to get on the list for the
Fall QRPP, probably the smartest thing I've done all year. It's the first
issue I've ever seen & it's more than I ever expected or imagined. I'm
getting the check ready to mail right now for a SW-40+ kit for my son
(KF4YWT) & I to build together. After seeing the wealth of info in QRPP on
the process of building & troubleshooting it, I feel quite confident that
we'll be able to muddle through & feel that he'll actually get to use (&
really learn) some of the stuff he memorized to pass the test. Also, by
virtue of the rig being CW only I'm hoping that it'll build his interest in
practicing to pass the code test. I would hope that he'd be anxious to use
a radio that he had a hand in building!

> KI6DS, NA5N and the entire NorCal team putting out this issue are to be
commended.

Amen! I'm totally awed by the effort it must have taken to produce
something of this magnitude. I have to say that I believe it's the best
"specialty" publication I've ever seen, professional or otherwise! Talk
about making a good first impression...

Well, time to get going to the Post Office!

72,

Don T. AI4CW QRP-L#1670

Date: Wed, 09 Dec 1998 15:04:35 +0000
From: Rick Weber <weber@accenttech.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [26923] 1" speakers
Message-ID: <366E9071.2450@accenttech.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

A few days ago, I believe that someone posted a notice on QRP-l that they had some 1" 8-ohm speakers for sale that had been removed from some old Macintosh portable computers.

Can anyone tell me how to contact this person?

Thanks

Rick W9QZ

Date: Wed, 09 Dec 1998 11:55:17 PST
From: "Brad Hernlem" <alihernlem@hotmail.com>
To: foxes@theriver.com
Cc: qrp-l@lehigh.edu
Subject: [26924] Re: Help! Trouble Soldering DIN Connectors
Message-ID: <19981209195518.4540.qmail@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain

In addition to the other advice already offered, I have found it useful to "clean out" the solder cup with a slightly oversized drill bit to expose bare copper to make the tinning process more reliable.

Brad

>Hi,

>

>Does anyone have any tips for soldering wire to DIN connectors? I have
>a 5-pin DIN plug that has a solder cup on the back of each pin. It
>seems that by the time the pin is hot enough to melt the solder, it is
>also hot enough to melt the plastic that holds the pins together.
>
>I've tried rubbing it out, I've tried scrubbing it out... (apologies to
>the makers of "Wisk")
>
>Thanks in advance, and 72 de Andy, KK7HV
>
>

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Wed, 9 Dec 1998 15:02:06 -0500
From: "JEFFREY MICHAEL POULIN" <jpoulin@erols.com>
To: <qrp-l@lehigh.edu>
Cc: "Doc Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [26925] N/T+ log from KF4JSV for 12/8 (12/9 UTC)
Message-ID: <199812091959.0AA23914@smtp2.erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Whew!! Isn't propagation interesting? The QRM and fading was worse than
usual last night. So thanks to all the hounds for sticking in there with
me. And, as always, thanks for the encouragement. I'll discuss my newly
adjusted dipole in a separate post.

TIME	CALL	NAME	STATE	RST(H)	RST(F)	QRP-L#	POWER
0103	N5TW	TOM	TX	449	559	1474	5W
0107	K0EVZ	DOC	ND	449	559	861	5W
0109	K5ON	DON	NM	339	569	770	5W
0115	N1TP	TOM	FL	339	559	1317	5W
0120	VE5VA	PETE	SASK	449	559	46	5W
0129	NQ7X	FLOYD	AZ	449	559	343	5W
0155	KF4KSM	MAC	FL	469	569	704	5W
0205	WB0QQT	STEVE	NE	449	359	856	3W
0213	KA0GKC	CLA	MN	449	559	719	2W
0231	AE4IC	BOB	NC	339	549	54	5W
0245	K3TRM	FRANK	VA	559	559	NONE	10W

My last contact, Frank, is a buddy who lives about 10 miles away. He heard me calling and couldn't resist answering. 10 watts is the lowest his rig will go easily, but I might be talking him into trying a QRP only rig for next year <G> Wish I could have heard Mary, since her signal was hitting the East coast. Maybe next time she's on.

72, de Jeff/KF4JSV QRP-L # 743
Manassas, VA

Date: Wed, 9 Dec 1998 14:59:39 -0500
From: "George Heron" <gheron@idt.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Cc: "NJQRP" <NJQRP@njqrp.org>
Subject: [26926] Jersey Fireball 40 news
Message-ID: <002401be23ae\$7f5a7970\$2d3d9892@herong.dialogic.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Wow, *tons* of orders have already been received at NJ-QRP headquarters for the "Jersey Fireball 40" transmitter we announced last week. (Well, at least 45 orders, and that's with only *two* mail days of collection so far!) And one of the clubs up in Western NY indicated that they have a group order coming down for 20 ... they intend the Fireball to be their winter project.

Here are some more details on the project:

- The Fireball 40 uses a 2" x 3" double-sided circuit board with plated through holes
- We used two dual edge-triggered flip flops (74LS74) to get us the divide-down circuits to get from the 28.322 MHz oscillator frequency down into the 20, 40 and 80m bands. This stock oscillator will get us nicely into the CW bands for 40m (7.080 MHz) and 80m (3.540 MHz) ... hence the name Fireball 40!
- There is a 5-element elliptical filter on the output to give you a real nice clean signal. We had the prototypes on an RF bench and his spectrum analyzer says the spurs are waaaaaaay down. (It always amazes me how such a pretty sine wave can come from square wave ... theory really works!)
- We included pads on the pcb for you to drop in one of the famous TiCK keyer chips from the Embedded Research guys. This is a NICE addition. See their website for more details on this inexpensive and ubiquitous chip

<http://www.frontiernet.net/~embres/>

- And ... here's a BONUS: Clark Fishman, WA2UNN (designer of this Jersey club project) wanted to include pcb pads to accommodate a small RF amplifier too. So, once you've had your fill playing with a 40 mW transmitter, all you need to do is drop a few components into the Fireball 40 circuit board (a 2N2222 and a few caps and resistors from the junk box), and "voila", you're outta QRPp milliwattting range and into true QRP territory with a full watt or more!

Club members are busily kitting the parts this week and we'll be ready to drop the first batch into the mail on Saturday morning.

More information on the Jersey Fireball 40 transmitter (including ordering details) is located at the NJ-QRP website: <http://www.njqrp.org/fireball40/>

Remember, this little kit is only \$10 postpaid, anywhere ... and would make a great stocking stuffer!

73,

--George Heron, N2APB
n2apb@amsat.org in Sparta, NJ
for the NJ-QRP Club <http://www.njqrp.org>

Date: Wed, 9 Dec 1998 15:03:00 -0500
From: "W. D. (Doc) Lindsey" <70511.3041@compuserve.com>
To: QRP-L Discussion Group <QRP-L@LEHIGH.EDU>
Cc: "W.D. (Doc) Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [26927] OHR400 Sold
Message-ID: <199812091505_MC2-62FE-85C2@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline
Content-Transfer-Encoding: 7bit

Gang:

Many thanks to so many of you who responded re the OHR400. It has found a new home, where it may happily run and play....and chase FOXes. Watch out, you FOXes, whether N/T+ or regular, because this rig is a proven hunter (as

well as FOX!).

Good luck one and all in the hunts. BTW, please plan to hunt *me* as FOX on 24 December 98 (actually 25 December 98 at 0100-0300Z). Hoping we can all get together that Christmas time.

72/73,

--Doc Lindsey/K0EVZ

DSBF

P.O. Box 7187

Bismarck, ND 58507

E-Mail 70511.3041@compuserve.com

Date: Wed, 9 Dec 1998 13:05:04 -0700
From: "Ron Smith" <resmith666@uswest.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [26928] Re: Submarines - not QRP
Message-ID: <02de01be23b0\$c77b10a0\$9ce56ccf@ron>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hey Chief Brad, et al...

You know what to do if you have two navels?

Put one in the Naval Reserve! Har Har Har...

Sorry folks. SICK joke - but I just couldn't resist!

OBQRP:

Thanks to one and all who provided many GREAT suggestions for mounting my 21" pipe in the ground. Got ideas to use water, fire, several others, and my favorite - let the wife do it. :-) Thanks to each of you for your recommendations. This is truly a great bunch of guys!

72

Ron - KD7VD

Date: Wed, 09 Dec 1998 12:19:20 -0800
From: Bill Jones <kd7s@psnw.com>
To: qrp-1@lehigh.edu
Subject: [26929] Re: Mini-L: RS Lookout!
Message-ID: <366EDB48.53DAB759@psnw.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Donald Lefrancois wrote:

> Greetings All,
> Been looking for the 276-149A board in the RS Catalog. All I find is
> the 276-149 in both the 1999 & 1996 Catalog.

I read these part numbers off the package from a "fresh shipment" at my local RS store. I hope they are not discontinuing these boards. But, if they are, then we will change the layout to accommodate what we can find.

=====

Bill Jones - KD7S <><
Sanger, California
<http://www.psnw.com/~kd7s>
=====

Date: Wed, 9 Dec 1998 10:39:56 -0800 (PST)
From: Jeff <fantbb@yahoo.com>
To: qrp qrp <qrp-l@lehigh.edu>
Subject: [26930] ScQRPions QRP to field?
Message-ID: <19981209183956.23334.rocketmail@send1e.yahoomail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I read somewhere where the ScQRPions are having a Freeze Your A** Off in the Field contest. Tried to find their web site for info on the dates and rules. Any one have any information on this?
I like the part of the multipliers based on temperature at the place of operating!

72!

Jeff

==
Jeff Jones
AB6MB
NorCal QRP Club #65, QRP-L #1780
Ghost Hunter
Owner of the Delta MudCats fantasy baseball team
Long live Manchester United and the Oakland A's!!!!!!

DO YOU YAHOO!?
Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Wed, 9 Dec 1998 15:52:21 EST
From: Robsparks@aol.com
To: qrp-l@lehigh.edu
Subject: [26931] AR-QRP Net Schedule
Message-ID: <e82e6666.366ee305@aol.com>

Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

AR-QRP Net Schedule

Following is a list of Arkansas QRP Club nets:

Monday Night	0130Z	3.560 mhz	N9ZZ	Bob AR-QRP #1 is NCS
Wednesday Night	0130Z	7.042 mhz	AB5ZD	Bob AR-QRP #277 is NCS

Non-members are welcome (and encouraged) to check in!

Date: Wed, 09 Dec 1998 14:18:44 +0000
From: Bob Hightower <ki7mn@extremezone.com>
To: qrp-l@lehigh.edu
Subject: [26932] FYBO '99
Message-ID: <199812092108.0AA11350@enterprise.extremezone.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I have just posted the FYBO '99 rules on my page.
72,73
Bob Hightower KI7MN

<http://www.extremezone.com/~ki7mn>

Date: Wed, 09 Dec 1998 14:43:00 -0700
From: Andy Fox <foxes@theriver.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [26933] Re: Help! Trouble Soldering DIN Connectors - Thanks!
Message-ID: <366EEEE4.642E21B7@theriver.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi,

Thanks to Dave Barrett, Ed Tanton, Gene Hall and Brad Hernlem.

I have a keen cable now. I used some liquid flux, a nice hot iron and a mating connector to hold the pins in place. Presto!

Thanks again, guys and 72 de Andy, KK7HV

Date: Wed, 9 Dec 1998 16:53:40 -0500
From: "Ed Tanton" <n4xy@mindspring.com>
To: <jrybak@mesa7.mesa.colorado.edu>
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [26934] RE: Equivalent for 3N200 ??
Message-ID: <002001be23be\$6202ed70\$01010101@n4xy>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 8bit
Content-Transfer-Encoding: 8bit

Hi Jim... according to NTE's cross ref:

Result of the Search for "3N200".

3N200	NTE222
-------	--------

+ Rotate device 180 to conform with original lead configuration.

@ Minor mechanical difference exist, but device will fit most applications.

Minor electrical difference exist, but device will function in most applications.

* Lead configuration may vary from the original device. Consult technical section for device outline

() More than one device is required to replace the original.

\$ NTE1570 is for transistor tuner only. If unit contains an FET tuner use NTE1572.

% Must use the insulating hardware supplied. & Refer to special replacement section on page 1-315 of the 8th Edition Technical Guide & Cross Reference.

You can find their searchable website at:

<http://www.nteinc.com/cgi-bin/nte>

Ed Tanton N4XY EMAIL: n4xy@mindspring.com
189 Pioneer Trail
Marietta, GA 30068-3466 TEL: (770)579-3933

INTERESTS: *CW (99.5%) *QRP (QRP-L# 758)
*BoatAnchors *Test Equipment *Photography

"Think you can, think you can't:
either way you're right!" Henry Ford

Date: Wed, 9 Dec 1998 14:02:01 -0800 (PST)
From: Monte Stark <ku7y@dri.edu>
To: Andy Fox <foxes@theriver.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [26935] Re: Help! Trouble Soldering DIN Connectors
Message-ID: <Pine.SOL.3.96.981209101527.6008G-1000000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Andy,

The most common causes for melting the body of DIN connectors
that I have seen are:

- 1) Soldering iron is too cool! It need to be up in
the 800 deg range. This lets you heat the pin, wire and
solder before too much heat migrates to the body.
- 2) Poor quality connectors. Seldom are "cheap" connectors
worth it!
- 3) Dirty soldering iron tips. You MUST keep your tip clean
and well tinned.

Remember that for most jobs you want to "get in and get out".
You don't want to keep the soldering iron on the connection any
longer than it takes to get the connection hot enough to melt
the solder.

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....

....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Wed, 9 Dec 1998 17:29:22 -0500 (EST)
From: James Skalski <jskalski@buffnet.net>
To: qrp-l@Lehigh.EDU
Subject: [26936] transistor numbering
Message-ID:
<Pine.LNX.4.03.9812091727550.1414-100000@valhalla.valhalla.buffalo.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

There were some questions regarding prefixes on transistors. This may help

2N - Transistor, FET, SCR, Triac

2SA - Transistor, high frequency, PNP

2SB - Transistor, low frequency, PNP

2SC - Transistor, high frequency, NPN

2SD - Transistor, low frequency, NPN

2SJ - FET, P channel

2SK - FET, N channel

3SK - MOSFET, N channel

3N - MOSFETS, dual Triacs

\$N - OPTO devices

73,

Jim N2go

Date: Wed, 09 Dec 1998 17:35:43 EST
From: w4pj@w4bkx.ampr.org
To: qrp-l@lehigh.edu
Subject: [26937] Re: DX Prefixes
Message-ID: <37960@w4bkx.ampr.org>

In the front of the old Flying Horse Callbooks was a page:
TABLE OF ALLOCATION OF INTERNATIONAL CALL SIGN SERIES
As Issued by the International Telecommunications Union and Others
I tore one out and keep it handy. I find it very useful during the
contest season. I understand there may be a new addition soon.

PALESTINE / GAZA - It seems the ZC6 Prefix is still assigned to the United Kingdom and will not be valid for this newly independent "entity". (My copy has a few notes penciled in. =|8^0 maybe time in the near future to sharpen the pencil again.)

de Scott / W4PJ

"The DXpedition frequency is Sacred and must be revered"

Date: Thu, 10 Dec 1998 08:00:56 +0900
From: "Toru Kato JG1RVN" <jg1rvn@inv.co.jp>
To: <jskalski@buffnet.net>
Cc: "QRP-L ML" <qrp-l@Lehigh.EDU>
Subject: [26938] RE: japanese transistors?
Message-ID: <199812092300.IAA26680@inv.co.jp>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 8bit
Content-Transfer-Encoding: 8bit

Hello Jim N2G0! de JG1RVN Toru in Tokyo.

I asked some Japanese HAM about your question via JG1EAD's home page. Their answer as follows.

JG1EAD;I recommend you this URL.
HB Electronics;
http://users.ids.net/~hb_elec/
<http://www.ifnet.or.jp/~hatabo/o-index.html>

JE0VMT;
Hi, Jim.
> I was just making up my lists.... :-)
You can get these devices on the web page below:
<http://www.rfparts.com/>

JL4CVB;
source of them
2sk192AGR,2sk241Y,2sc1923,2sc1959y is made by Toshiba.
And TA7310p,TC9122p,5081AP may be too.
2sc535c,2sc458c is made by Hitachi.
2sc945ap,uPC* is made by NEC.
My page has links to browse these company's PDF file.
<http://www.geocities.co.jp/SiliconValley-PaloAlto/4065/dev-tr.htm>

I hope those info will help you.
Thank you de JG1RVN Toru Kato.

jg1rvn@inv.co.jp

> o l : James Skalski
> : Low Power Amateur Radio Discussion
> : japanese transistors?
> M : 1998 N12 8 13:16
> What is a good source for these transistors?
> I had a website that supplied them but I lost it when we changed machines.
> I need a bunch of these guys.
>
> I was just making up my lists.... :-)
>
> 2sk192AGR
> 2sk241Y
> 2sc535c
> 2sc1923
> 2sc945ap
> 2sc458c
> 2sc1959y
> uPC1037H
> uPC575C2
> TC9122p
> TC5081AP
> TA7310p
>
> 73,
>
> Jim N2go

Date: Wed, 9 Dec 1998 15:02:06 -0800
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
To: <we6w@juno.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [26939] Re: Norcal Meeting Report:Res. Spkr. Demo!
Message-ID: <277501be23c7\$f3c8a6b0\$140a0a0a@double_trouble.reliablemeters.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Thanks, Ed, for bringing all your speaker experiments to the NorCal meeting. The results you demonstrated were nothing short of incredible. I wish more people could have heard and seen your creations, because it is hard to understand how well they work until you experience them first hand.

It is amazing how much volume you have gotten out of a 1 inch speaker and the extreme Q of the acoustical filters. The light bulb and concrete speaker housing was inspired.

Mike K1MG

Date: Wed, 09 Dec 1998 16:05:15 -0700
From: Jerry Haigwood <w5jh@swlink.net>
To: qrp-l@Lehigh.EDU
Subject: [26940] MGF1200 GasFET
Message-ID: <366F022B.56E2@swlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hey Gang,

I am looking for a MGF1200 GasFET. I used this device several years ago and now it does not seem to be available. Anyone know where I can buy one?

--
73, Jerry W5JH

Peoria, (near Phoenix) AZ, AZ ScQRpions
EX:KY4Z, WB7VIO, WB9LOM, WN9LOM, WN9BIU, WN9NZA
FT990, IC735, QRP-L 1645,
Norcal Zombie badge 233 (PRIME!)

Date: Wed, 9 Dec 1998 15:56:08 -0500
From: nilsbull@juno.com (Nils R Young)
To: QRP-L@lehigh.edu
Subject: [26941] Keys & stuff . . . while Ornette plays
Message-ID: <19981209.162025.6398.0.nilsbull@juno.com>

Gang,

I got the Fair Radio '98 flyer the other day & on the front cover was an item that I couldn't resist: #ZA16929, a WW II Canadian key, kinda like

#714 in Tom Perera's on-line museum & his collectors guide. Tom gives this key a \$30 price. Fair Radio had 'em for \$22. So if you're interested and you don't get the flyer, call 'em up (419 223-2196 or 227-6573 & see if they still have 'em around. I bought one just 'cause I can't find my British version of the same key.

If I could find the Brit key that I have like this, I'd have one less reason to go to Tom's web site (<http://w1tp.com>) and get his email address so I can ask him if he has the all-brass parts British version. The one I had was in nice shape, time and honor being considered. I got it off Sue Lane when she was the final test person for the TR4s at Drake. I had it mounted on a piece of maple that my father had left in the basement & which I found on his desk after he died. Moved the desk, mounted the key. The usual story of many cognitive markers being involved in a lost item.

Hope it didn't get thrown out when I took it to work to show to my buds.

73

Nils

Nils R. Bull Young :: La Estancia de los Guajolotes Sonrientes
WB8IJN &c :: The Tagalong Press :: email to nilsbull@juno.com
<http://www.geocities.com/Athens/Olympus/9172>

"In my day we had to FIGHT to have email! Every day was a struggle!"

-- Comrade Sergei

Nikolaievich McTovarishov

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 9 Dec 1998 18:12:53 -0500
From: "Larry H. Lyda" <wa4pjp@volstate.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [26942] test disregard
Message-ID: <000b01be23c9\$b0641420\$4c338cd1@larry>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

This is a test, please disregard

WA4PJP

Date: Wed, 09 Dec 1998 15:14:29 -0700
From: Kory Hamzeh <kory@avatar.com>
To: qrp-1@lehigh.edu
Subject: [26943] Removing sticky stuff
Message-ID: <3.0.5.32.19981209151429.00acac50@ns1.avatar.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

This isn't directly qrp related, but I bought an old bencher paddle, and there is some sticky gummy stuff on one of the paddles. It looks like this person had some sort of label or tape on the plastic part and then removed it. Why, I'm not sure! However, what is the best way to remove this? I'm afraid to use acetone because it may mar the finish on the plastic.

Thanks,
Kory
AC6RN

Date: Wed, 9 Dec 1998 18:25:35 -0500 (EST)
From: James Skalski <jskalski@buffnet.net>
To: Jerry Haigwood <w5jh@swlink.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [26944] Re: MGF1200 GasFET
Message-ID:
<Pine.LNX.4.03.9812091819360.1501-100000@valhalla.valhalla.buffalo.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

You might consider a MGF1300
from down east micro
<http://downeastmicrowave.com/pre-cat.htm>

If you are making a 6meter pre-amp :-)

you might consider a dual gate gaAsfet preamp instead
3sk51 at \$1.60 each
noise figure well under 1dB

part available from consolidated

http://www.ceitron.com/

I just happened to be looking for some of the same stuff this afternoon.
73,

Jim N2go

Date: Wed, 9 Dec 1998 18:27:08 -0500
From: "Larry H. Lyda" <wa4pjp@volstate.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [26945] test 2--DISREGARD
Message-ID: <000701be23cb\$7468a1a0\$4c338cd1@larry>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

TEST

Date: Wed, 09 Dec 1998 16:38:39 -0700
From: Andy Fox <foxes@theriver.com>
To: kory@avatar.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [26946] Re: Removing sticky stuff
Message-ID: <366F09FF.1F271BC2@theriver.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Kory,

I use "Goo Gone" (really). It's made by "Magic" (yes, really) available at Wal-Mart. Works great. You may have to use some alcohol to remove the Goo Gone...

72 es GL de Andy, KK7HV

Date: Wed, 9 Dec 1998 18:44:58 EST
From: PGHDTs@aol.com
To: qrp-1@Lehigh.EDU
Subject: [26947] Navaho conversion
Message-ID: <d617e8da.366f0b7a@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

A friend was cleaning out his basement and was about to throw away a RS
Realistic Navaho TRC-30A citizens band transceiver. I grabbed it before it
hit the trash can. Can this unit be easily converted for ham use? Should I
just salvage parts? Any ideas. Thanks in advance.
Don AA3RZ (was KB3CIL)

Date: Wed, 9 Dec 1998 18:52:29 -0500 (EST)
From: James Skalski <jskalski@buffnet.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [26948] Re: MGF1200 GasFET
Message-ID:
<Pine.LNX.4.03.9812091850500.1501-1000000@valhalla.valhalla.buffalo.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Oops ..the dual gate GaAsfet is 3sk97

the 3sk51 will give a noise figure of 1- 1.5dB (not too shabby)

73,

Jim

On Wed, 9 Dec 1998, James Skalski wrote:

> You might consider a MGF1300
> from down east micro
> <http://downeastmicrowave.com/pre-cat.htm>
>
> If you are making a 6meter pre-amp :-)
>
> you might consider a dual gate gaAsfet preamp instead
> 3sk51 at \$1.60 each
> noise figure well under 1dB
>
> part available from consolidated

> http://www.ceitron.com/
>
> I just happened to be looking for some of the same stuff this afternoon.
> 73,
>
> Jim N2go
>
>
>

Date: Wed, 9 Dec 1998 15:54:26 -0800
From: mikerice@abtcorp.com (Mike Rice)
To: <kory@avatar.com>, "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>
Subject: [26949] RE: Removing sticky stuff
Message-ID: <000001be23cf\$4149ca70\$e00f020a@support004.abtcorp.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I find if I soak it in warm soapy water, the plastic is not harmed, then use my thumb or an old toothbrush to rub it off. Dawn is a good soap for this. Keep the water warm!
Mike kb0nnd

Date: Wed, 09 Dec 1998 17:52:10 -0500
From: "Todd Foster, KD5FUF" <tef96a@timon.acu.edu>
To: qrp-l@lehigh.edu
Subject: [26950] Re: Removing sticky stuff
Message-ID: <3.0.3.32.19981209175210.0093d220@timon.acu.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Kory,

I find peanut butter to be a great "sticky-stuff" remover. Readily available, too. :-) Clean up with a paper towel, maybe a little rubbing

alcohol...

--Todd, KD5FUF

End of QRP-L Digest 1300
